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"German's Seeds Germinate"

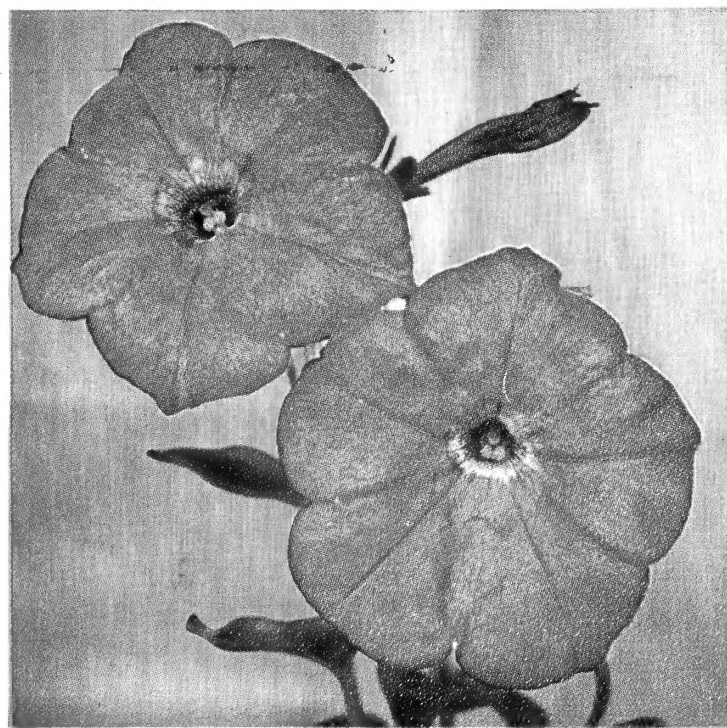
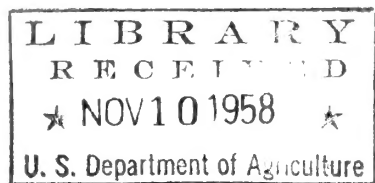


**PETUNIA, MAYTIME**

All-America Award Winner for 1958. Beautiful light salmon-pink Grandiflora. See page 15.

**FLORISTS' and  
MARKET GARDENERS'**  
*Wholesale Price List*

**1959**  
**Our 33rd Year**



**PETUNIA, NEPTUNE**

Beautiful mid-blue. Vigorous, free-flowering plants. See page 15.

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**H. G. GERMAN** *Seeds*

**SMETHPORT • PENNA.**



**PETUNIA, RED SATIN**

Most popular bright red. Dwarf, compact habit. See page 15.



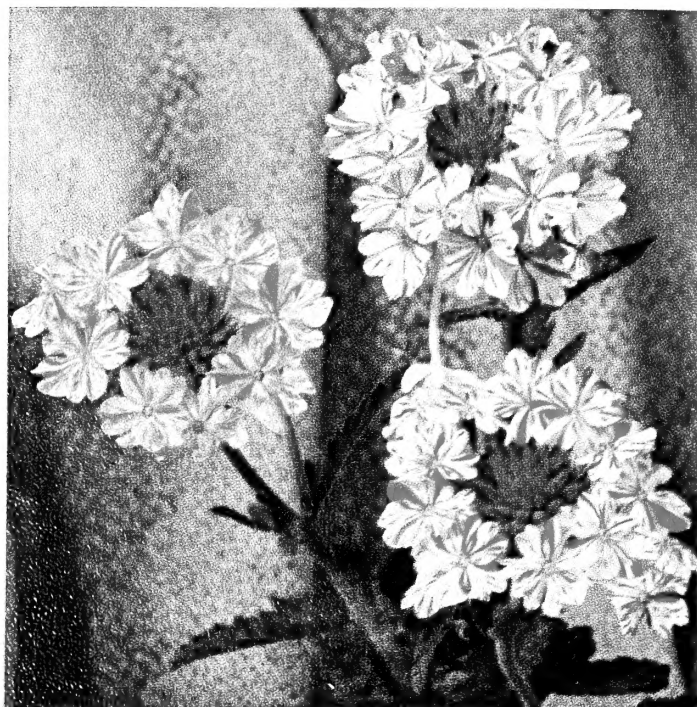
**PETUNIA, LA PALOMA IMPROVED**

New dwarf, freer flowering strain. See page 15.

Prompt, Efficient Service

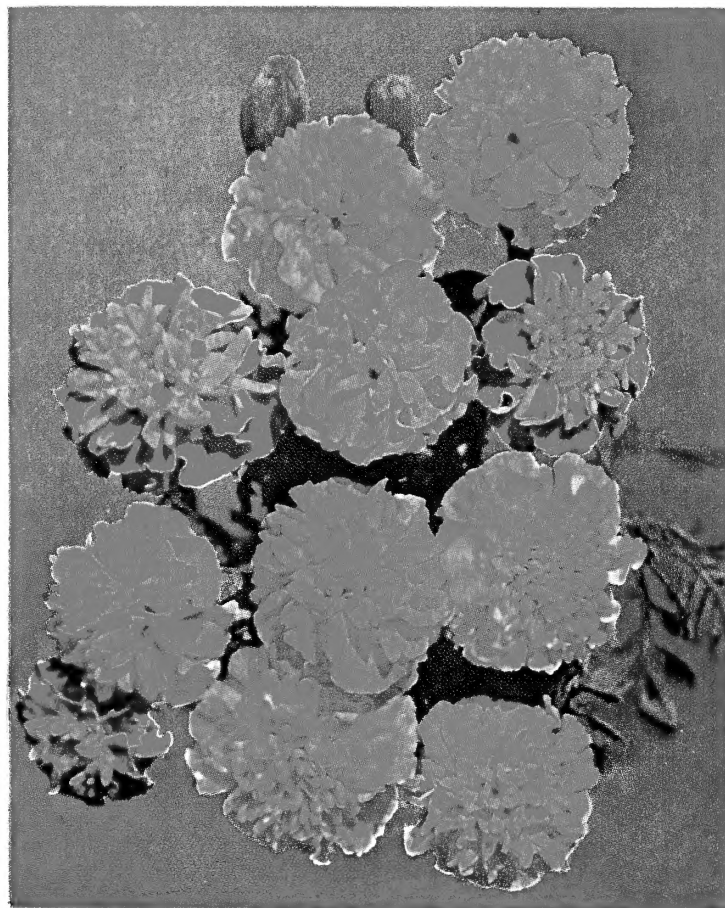
Seeds Tested for Germination and Performance

All Orders Shipped by Return Mail



**VERBENA, CALYPSO**

Mixture of gaily striped blooms. See page 21.



**MARIGOLD, PETITE VARIETIES**

All-America Award Winners for 1958. Pictured here is the mixture of the four new varieties. See page 12.



Partial view of our trial gardens, where all new varieties are tested before we offer them for sale.

## *German's Seeds Germinate*

**G**ERMAN'S SEEDS are obtained from the best sources available and are for the most part originator's stock. The remainder are obtained from leading American and European growers.

We solicit business from the critical florist grower. In this catalog we have tried to do all possible to list the most profitable and leading strains available today.

We sell only seeds of good vitality, which will grow under normal conditions. All seeds are tested in our own laboratory before shipping.

H. G. German, Seeds, warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

We invite inquiries from large growers. Write us about your requirements on any seeds listed in this catalog, and we will answer promptly.

### **CASH AND QUANTITY DISCOUNTS ON FLOWER AND VEGETABLE SEEDS ONLY**

This schedule will make it profitable to order as much of your season's requirements as practical at one time and from one source.

**CASH DISCOUNTS:** When orders for Flower and Vegetable seeds are accompanied by remittance to cover, the following special discounts may be taken.

Under \$5.00, NET; \$5.00 to \$25.00, 5%; \$25.00 to \$100.00, 8%; \$100.00 to \$150.00, 10%; \$150.00 to \$200.00, 12%; \$200.00 to \$300.00, 15%.

**On Charge Orders** (if paid within 30 days of invoice date): Under \$5.00, NET; \$5.00 to \$25.00, 3%; \$25.00 to \$100.00, 6%; \$100.00 to \$150.00, 8%; \$150.00 to \$200.00, 10%; \$200.00 to \$300.00, 13%. If paid within 10 days of invoice date, deduct an additional 2%.

**C.O.D. Shipments:** Not recommended because of extra costs and frequent delays in delivery. 25% cash down payment must be sent with order, and cash discount not allowed on C.O.D. orders.

Payments should accompany all orders unless credit has been established.

All prices in this catalog subject to change without notice.

All seed orders sent prepaid to U. S. and Canada.

**Time Payments:** If you wish to open an account with us, send name of your bank and at least two (2) business references. To customers of established credit we offer these terms:

**Florists' Terms: SEEDS ONLY.** Due *net* June 15 (on goods shipped after that date, December 1).

**Market Gardeners' Terms: Vegetable seeds only.** All bills due and payable *net* August 1 (for goods shipped after that date, December 1).

**Note: ALL SUPPLIES STRICTLY CASH WITH ORDER** and may not be charged.

All items in this catalog are offered subject to crop failures or shortages.

**All orders shipped by return mail**

# **H. G. GERMAN •**

## **SMETHPORT, PA.**

103 Bank St.

Phone: 436

*Specialists in Florists' Flower Seeds*

# New and Improved Varieties for 1959

We grew many new selections in our trial gardens this year and visited all the leading trial gardens on the West Coast and in the East. From the thousands of new selections we observed, we have chosen the items listed below as the most outstanding.

These new and improved varieties should be of the greatest importance to you. They will help you to stay ahead in this rapidly changing world of today.

Don't miss the new flower for 1959: Alyssum, Pink Heather, the All-America Winner for 1959. Note the fine new Duchesse Aster listed for the first time. Maytime Petunia and Petite Marigolds®, the All-America Selections for 1958, have won the approval of all and will be leading items for years to come. There are also several new and improved Petunias and Snapdragons. The new F<sub>1</sub> Hybrid Cabbages with their outstanding uniformity and vigor have won acclaim, and the new All-America Award winner, Jade Cross Brussels Sprouts, will soon be on every grower's list.

These are just a few of the new items. Study the list below for the complete story.

## NEW FLOWERS

### ALYSSUM maritimum (Sweet Alyssum)

**Pink Heather.** Page 3. All-America Selection for 1959. Bright lavender-pink; dwarf. Really new and different.

### ASTER

**Duchesse Pure Yellow.** Page 6. Resembles a giant-flowered chrysanthemum.

### CARNATION

**Baby Mixed.** Page 8. A fine new dwarf annual.

### PETUNIAS

In order to clear up the confusion regarding the number of seeds in a packet of F<sub>1</sub> Hybrid Petunias, we made a count of the seeds our packets contain. We obtained the following averages: 1/2 trade packet 725 seeds, trade packets average 1260 seeds. The number varies with the varieties and varies from year to year, since seed size is not uniform and varies with the crop and variety.

**Grandiflora F<sub>1</sub> Hybrid.** Pages 14 and 15.

**La Paloma Improved.** New improved pure white. Outperforms White Magic.

**Blue Magic.** Beautiful new violet-blue with light throat.

**Sabre Dance.** A knockout. Extra large, deep crimson with large white star.

**Toreador.** New large-flowered maroon. Outshines Velvet Ball and King Henry.

**Color Parade.** A new formula mixture of the large F<sub>1</sub> Hybrids.

**Multiflora F<sub>1</sub> Hybrid.** Pages 15 and 16.

**Blue Star.** Bright violet-blue with white star. A companion for Glitters.

**Comet.** Maroon with white star.

**Mars.** Dwarf scarlet-maroon.

**Neptune.** A new light violet-blue.

**Satellite.** Bright rose with perfect white star.

**Venus.** Bright Celestial Rose pink, this color is second in popularity.

### SNAPDRAGONS (Antirrhinum)

**New Winter-blooming Varieties.** Pages 4 and 5.

**Nashua.** Light pink.

**Rebecca.** Most popular shade of light pink.

**Doubloon.** Rich deep yellow.

**Swaps.** True winter-flowering yellow.

**Now Launching the New Space Age Snaps for 1959.** Pages 4 and 5.

**Comet.** Most reds grow too tall, but not this one.

**Mercury.** Earliest lavender, an improvement on Twilight.

**Saturn.** Beautiful dark bronze. Hard stems.

**Venus.** The brightest star in the universe, and this is the brightest yellow.

**Vesper or Evening Star.** Early. Bright deep rose.

**New Hot-Weather or Summer-flowering Varieties.** Pages 4 and 5.

**Dark Star.** Good deep yellow. Not subject to high temperature burn.

**Gaytime.** Excellent rose-pink.

**Summer Jewel.** Deep pink. Shatter-proof.

**White Skies.** Pure white. Shatter-proof.

**Yoder's Crystal White.** Tall uniform reselected strain.

**Rockwood's Summer Orange.** The first bronze for summer flowering.

### STOCKS, Column

**New Cascade Varieties.** ® Page 19. Three to five weeks earlier than the regular Column Stocks, normal double percentage, all colors.

**Pacific Yellow.** Page 19. Best yellow grown.

**White Goddess.** Page 19. This pure white should replace all other whites.

### VERBENA

**Calypso.** ® Page 21. Our 1958 novelty has appealed to all and will be in large demand this year.

### VIOLA

**Toyland.** Page 27.

### ZINNIA

**Merry-Go-Round.** Page 22. The leading novelty for 1959. A distinct new class of Zinnias.

**Pink Lady.** Page 22. The new color in Giant Zinnias.

## NEW VEGETABLES

### BRUSSELS SPROUTS

**Jade Cross.** Page 28. 1959 All-America Award Winner.

### CABBAGE

**C. C. Cross.** New early F<sub>1</sub> Hybrid. See it and others on page 28.

### ONION

**F<sub>1</sub> Hybrids.** Page 31. Suitable for northern climates.

**TOMATO, New F<sub>1</sub> Hybrids.** Page 32.

**Pa. No. 103.** New introduction of Penn State University.

**Neptune (Red Hybrid No. 21).** Well known to many growers.

**Venus.** Yields up to 50 percent higher than Rutgers.

**Mars.** Large pink of Ponderosa type, better shaped and a heavier cropper.

**New Caro-Red.** Not an F<sub>1</sub> Hybrid, but an entirely new Tomato. See page 32.

# FLOWER SEEDS

In order to assist our customers, we are giving the following information under each variety: the approximate number of seeds per ounce; temperature for best germination; number of weeks required to germinate; and in the case of spring bedding plants, the approximate sowing date for salable plants for late May and early June sales. Example: **AGERATUM**, 238,000 S; 65° to 75° F.; 3 weeks; late Dec.



AGERATUM, Blue Mink

## AGERATUM

238,000 S; 65° to 75° F.; 3 weeks; late Dec.

**Blue Mink.** Tetraploid. Large, powder-blue flower heads freely produced on 6 to 8-in. plants. Produces huskier plants for fast sales in pots or flats. Tr. pkt. 50c, 1/8oz. \$1.65, 1/4oz. \$3.00.

**Blue Ball Improved.** 6 to 10 in. Medium blue. Tr. pkt. 50c, 1/8oz. 70c, 1/4oz. \$1.30, oz. \$4.25.

**Blue Bedder.** Medium-sized, bright blue flowers. Tr. pkt. 50c, 1/8oz. 90c, 1/4oz. \$1.60, oz. \$5.00.

**Golden Ageratum** (*Lonas inodora*). Clusters of golden yellow, ageratum-like flowers freely produced on a 12-in. plant. Tr. pkt. 40c, 1/8oz. 80c, 1/4oz. \$1.50.

**Midget Blue.** Profuse blooming; clear blue. This is the finest seed-produced strain, with Blue Bedder a close second. 4 to 6 in. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.75, oz. \$6.00.

**Dwarf White Improved.** Pure white, quite uniform. Tr. pkt. 50c, 1/4oz. \$1.25, 1/2oz. \$2.00.

**Fairy Pink.** Light salmon-pink. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.85.

## ALYSSUM maritimum (Sweet Alyssum)

80,000 S; 65° to 75° F.; 2 weeks; early Feb.

**Pink Heather.** 1959 Top All-America Selection. Soft lavender-pink, a light pink deeper in cool weather. Plant and blooming habits of Violet Queen and Little Dorrit, growing about 6 in. tall with good spread of bloom until late September. As it is easily grown, it makes one of the most satisfactory garden flowers for edging, bedding, rock gardens and pot plants. Tr. pkt. 75c, 1/8oz. \$1.25, 1/4oz. \$2.35, oz. \$7.00.

**Carpet of Snow.** Spreading. 2 to 3 in. Tr. pkt. 20c, 1/4oz. 35c, oz. \$1.00.

**Little Dorrit.** Miniature white. 4 in. 1/4oz. 30c, oz. 95c.

## ALYSSUM, continued

**Royal Carpet.** 1953 Top All-America Selection. A gem for the garden. The spreading, compact habit and rich violet color will make it an excellent companion for Carpet of Snow. Height 3 in.; spread 10 to 12 in. Tr. pkt. 40c, 1/4oz. \$1.30, oz. \$3.90.

**Violet Queen Improved.** Special selection. Deep bright violet; very compact. Tr. pkt. 30c, 1/4oz. \$1.30, 1/2oz. \$2.10, oz. \$3.95.

## AMARANTHUS

65° to 75° F.; 2 to 3 weeks; Apr. 15

**Molten Fire.** (28,000 S) Fiery crimson to maroon. Tr. pkt. 25c, 1/4oz. 70c.

**Tricolor Splendens.** (60,000 S) Beautiful green, yellow and red foliage. Handle like Coleus. Tr. pkt. 25c, 1/4oz. 60c.

## ANTIRRHINUM (Snapdragon)

"Snapdragons," 1954 edition, lists the leading varieties, gives the number of days from sowing to benching and the number of days from benching to blooming for every month of the year. Available upon request.

We are always glad to help our customers select the best varieties for their conditions and invite inquiries from them. When writing, state the season you want the Snaps to bloom and when you can bench them. We will gladly send suggestions.

## "SNAPS" for Greenhouse Forcing Expected Blooming Periods

All blooming periods marked below are based on pinched plants grown on raised benches at 50° F. nights. In order to better describe the many varieties listed, we have divided them into five groups: E, early varieties that flower by Dec. 15; M, mid-season (often called winter-blooming) varieties that bloom from Dec. 15 to Jan. 15; L, those blooming after Jan. 15; S, spring bloomers that are very late and should be planted to follow chrysanthemums at the earliest; and HW, hot-weather varieties for June, July, August and September flowering only.

We recommend the following varieties for greenhouse forcing from late May to early October. Use the F<sub>1</sub> Hybrid varieties for May, June, September, October and November periods. Use the Open-Pollinated varieties (Rockwood) for July, August and early September crops.

**WHITE**—Crystal White, June Bride, Potomac White.

**PINK**—Rockwood Summer Pink No. 1, Potomac Pink.

**YELLOW**—Sunshine, Rockwood Summer Yellow, Potomac Yellow.

**LAVENDER**—Rockwood's Lavender-Rose.

**RED**—Navajo.

## Pink and Rose Hybrids

**M Anne Marie.** (J. S. Yoder.) Light pink, just a shade darker than Christina and blooms about 10 days later. Very large spikes on stiff, heavy stems. 1/2tr. pkt. \$2.00, tr. pkt. \$3.50.

**M Christina.** (J. S. Yoder.) Again available in its original 100% true form. Most popular shade of light pink. 1/2tr. pkt. \$2.00, tr. pkt. \$3.50.

## ANTIRRHINUM, continued

### Pink and Rose Hybrids, continued

- E **Christmas Cheer.** (Windmiller.) Well-known light rose-pink. Tr. pkt. \$3.00.
- M **Crusader.** (Yoder Bros.) Light Dorcas Jane pink shade. Tr. pkt. \$3.50.
- M **Flower Girl.** (Ball.) Long, medium pink spikes carried on clean, firm stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Hercules.** (Ball.) Light pink. Very hard, clean stem.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Holiday.** (Ball.) Medium pink; long spikes.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Jackpot.** (Ball.) A good producer. Medium dark rose; heavy stems and long spikes.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Libby.** (Yoder.) A dark rose-pink hybrid with very strong stem and good vigor. Large florets, close set. A second early, flowering after Mary Ellen.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland Pink Improved.** (Winkler.) This strain is now one of the leading light pinks—soft creamy pink.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Nashua.** (Yoder Bros.) Light rose-pink. Large, ruffled florets are borne compactly on hard, clean stems. Responds well under low light, low temperature environment. Tr. pkt. \$3.50.
- M **Native Dancer.** (Yoder Bros.) Light rose-pink. Shows greatest vigor yet observed in midwinter Snaps. Recommended for mid-December through early May. Tr. pkt. \$3.50.
- E **New Times.** (Pan-American.) Better Times color. Hybrid with vigorous growth and good stems.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Pompey.** (Yoder Bros.) Medium pink; long spikes. Tr. pkt. \$3.50.
- HW **Potomac Pink.** (Winkler.) Beautiful soft pink for summer flowering. Tr. pkt. \$3.50.
- E **Rebecca.** (J. S. Yoder & Son.) Beautiful pink, slightly lighter than Christina, earlier, but with the same large spikes and fine stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Rockwood's Early Hybrid Pink No. 1.** Light rose-pink; very strong stems, close-set florets. Best for single stem.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Rosanna.** (Ball.) An early deep rose. Strong, clean grower.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- L **Show Girl.** (Ball.) Medium dark rose. Excellent for spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Top Flight.** (Yoder Bros.) Large rose-pink florets, same color as and slightly earlier than Christina. Tr. pkt. \$3.50.
- E **Vesper or Evening Star.** (German.) One of the best new deep rose varieties we observed in the many varieties we tested last winter. Bright deep rose.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Whirlaway.** (Yoder Bros.) Light rose-pink with yellow lip. Closely spaced florets on long spikes. Tr. pkt. \$3.50.
- E **Wintergreen.** (Yoder Bros.) Very fine light rose-pink. Compact spikes; uniformly placed florets; stiff wiry stems. Tr. pkt. \$3.50.

### Pink and Rose Open Pollinated

- HW **Gaytime.** (Yoder Bros.) Medium pink, yellow lip. For summer only. Hard stem; long spike. Tr. pkt. \$3.50.
- HW **Rockwood Summer Pink No. 1.** Rose-pink. Bred for late spring and summer flowering.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW **Summer Jewel.** (Yoder Bros.) Deep pink, shatter-proof variety for summer only. Tr. pkt. \$3.50.

### Red Hybrids

- E **Cherokee.** (Ball.) Bright scarlet-red, long, well-formed spikes. Good winter and spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Comet.** (German.) Beautiful scarlet-red, earlier than standard varieties. Heavy spikes borne on hard wiry stems. Growth habits close to Christina.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

### Red Hybrids, continued

- E **Man o'War.** (Yoder Bros.) Intense copper-red with yellow lip. Good winter and spring. A fireball for Christmas and Valentine's Day. Tr. pkt. \$3.50.
- M **Maryland Red.** (Winkler.) Beautiful new red. Large spikes and florets; heavy stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Navajo.** (Ball.) Bright red. Good-sized florets on an extra-long spike, with hard stem.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Priscilla Ann.** (Yoder.) Velvety crimson; very strong stems and nicely spaced florets.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Rockwood Hybrid Red No. 15.** Large, well-formed, dark red or crimson flowers on heavy, wiry stems. A good early variety for fall and winter. Season—late September to June.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

### Lavender Hybrids

- M **Bold Venture.** (Yoder Bros.) Magenta or purple. Hard stem; very uniform. Tr. pkt. \$3.50.
- L **Lavender Lady.** (Ball.) Deep rosy lavender. For late winter and spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland Lavender.** (Winkler.) Clear light orchid, large florets closely set.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Mercury.** (German.) Earliest hybrid lavender available. Orchid-lavender, close-set florets on wiry stems. An improved Twilight.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Small's Lavender.** (Small.) The earliest and best lavender available. Blooms a few days earlier than Margaret. Excellent spikes and strong stems. Tr. pkt. \$3.00.

### Lavender Open Pollinated

- HW **Rockwood's Lavender-Rose.**  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.

### Bronze Hybrids

- M **Barbara.** (Yoder.) Rich bronze; large spikes on strong stems. Spikes slightly open.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Cavalcade.** (Yoder Bros.) Very vigorous golden bronze. Tr. pkt. \$3.50.
- M **Gallant Fox.** (Yoder Bros.) Excellent medium rosy bronze. Tr. pkt. \$3.50.
- L **Indian Chief.** (Ball.) Scarlet-bronze for spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland Orange.** (Winkler.) Large; bright rosy bronze. Stiff stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Saturn.** (German.) Early scarlet-bronze. Does not have a soft stem in midwinter, but a hard stem with long tapering spikes.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Summer Orange.** (Rockwood.) Bright orange-bronze, for summer only. Tr. pkt. \$3.00.

### White Hybrids

- M **Albion.** (Yoder Bros.) Winter and spring paper-white. Long, tapering spikes. Tr. pkt. \$3.50.
- M **Apollo.** Ivory-white, similar to Margaret. Tr. pkt. \$3.50.
- M **Citation.** (Yoder Bros.) Ivory-white. Long hard stems; excellent spikes. Tr. pkt. \$3.50.
- M **Ivory Tower.** (Pan-American.) One of the new race of shatter-resistant varieties. Good shipper.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW **June Bride.** (Ball.) A new pure white for late spring and June single-stem culture. Hard clean stems, shatter-proof.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland White Improved.** (Winkler.) Purest white; large spikes and strong stems. Should be on every grower's list.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Potomac White.** (Winkler.) New pure white for late spring and summer. Grow single stem for best quality, but pinching will give heavy production of good-quality blooms. Tr. pkt. \$3.50.

### ANTIRRHINUM, White Hybrids, continued

- M **Rockwood Hybrid White No. 5.** A fine white for fall and winter blooming. Well-formed spikes on heavy, wiry stems. Season—late September to June.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Snowman.** (Ball.) Excellent pure white.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Spartan White.** MSC #2. NEW IMPROVED STRAIN. An early-flowering pure white. Clean-growing, large spike; shatter-resistant.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Twenty Grand.** (Yoder Bros.) Excellent ivory. Good producer. Tr. pkt. \$3.50.
- M **White Knight.** (Yoder Bros.) New paper-white. Medium to long, compact spikes. Tr. pkt. \$3.50.
- HW **White Skies.** (Yoder Bros.) Pure white for May to September only. Shatter-proof, tall and vigorous. Tr. pkt. \$3.50.

### White Open Pollinated

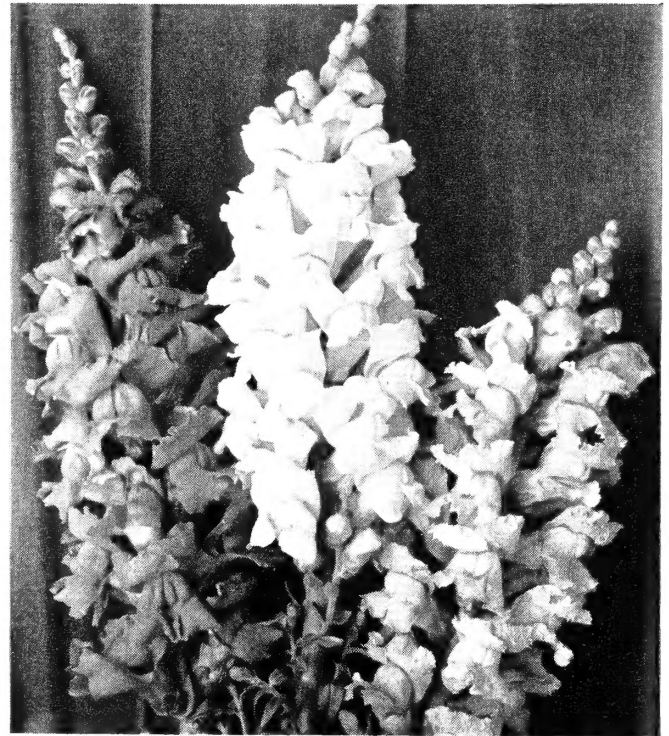
- HW **Crystal White.** (Rockwood.) Large-flowered pure white for spring and summer. Has an excellent strong stem and huge flower-spike. For benching after Mums only.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Margaret.** (J. S. Yoder & Sons.) Ivory-white. Tr. pkt. \$2.00.
- M **Rockwood's Early White.** Tr. pkt. \$2.00.
- HW **Rockwood Crystal White No. 2.** (Rockwood.) A reselected strain; excellent germination. Tr. pkt. \$3.50.
- HW **Yoder's Crystal White.** (Yoder Bros.) Originator's improved selection, shatter-proof and strong germinating seed. Tr. pkt. \$3.50.

### Yellow Hybrids

- M **Broker's Tip.** (Yoder Bros.) Medium yellow for late winter and spring. Firm stems. Tr. pkt. \$3.50.
- M **Doubloon.** (Ball.) Richest deepest yellow hybrid. Forms good stem and spike in midwinter.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Golden Spike.** (Ball.) Deep golden yellow for late winter and spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Patricia.** (Yoder.) Deep golden yellow, very vigorous. Growth similar to Margaret, but it is earlier.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Potomac Yellow.** (Winkler.) New bright yellow for late spring and summer flowering. Grow single stem for highest quality. Pinching will give heavy production of good-quality spikes. Tr. pkt. \$3.50.
- L **Rockwood Hybrid Yellow No. 10.** A fairly deep yellow. Well-formed flowers; stems stiff and heavy. Season—late September to June.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Swaps.** (Yoder Bros.) Large yellow florets, compact spike and hard stem. Earliest yellow for winter. \$3.50.
- M **Venus.** (German.) Bright golden yellow. Uniform, vigorous, with hard stem and close-set florets.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **War Admiral.** (Yoder Bros.) Fine yellow for winter. Tr. pkt. \$3.50.

### Yellow Open Pollinated

- HW **Rockwood Summer Yellow.** For late spring and summer flowering.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW **Sunshine.** Medium yellow. Resistant to shatter. Bred for hot weather growing in both the greenhouse and cloth house.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.



ANTIRRHINUM, Futurama

## OUTDOOR SNAPDRAGONS

218,000 S; 65° to 70° F.; 1 to 2 weeks; Feb. 10

### FUTURAMA or PANORAMA SNAPS (NEW)

New garden variety for cut-flower production outdoors. All have very heavy sturdy stems, needing no support. Compact florets on long, tapering spikes make these new varieties a "must" for either amateur or professional cut-flower use.

**Futurama Bronze.** Rich bronze.

**Futurama Lavender.** Rich rosy lavender.

**Futurama Pink.** Beautiful rose-pink.

**Futurama Yellow.** Golden yellow.

**Futurama White.** Ivory-white.

**Futurama Red.** Bright scarlet-red.

**Futurama Mixed.** Mixture of all six colors in equal proportions.

Any of above, tr. pkt. 75c,  $\frac{1}{8}$ oz. \$1.25;  $\frac{1}{4}$ oz. \$2.35; oz. \$6.75

Collection: 1 tr. pkt. of each of above 6 colors and mixture (7 pkts.) for \$4.25

### Tetraploid Varieties 104,800 S; 65° to 70° F.; 1 to 2 weeks; Feb. 10

**Tetra Mixture.** A much-improved range of colors in this mixture. Ideal for outdoor cut. Tr. pkt. 50c,  $\frac{1}{8}$ oz. \$1.25,  $\frac{1}{4}$ oz. \$2.35, oz. \$6.75.

**King's Court.** Extremely early blooming, tall, strong stemmed, with many more blossoms. Complete color range, with the clearest white, yellows, soft and dark pinks, rose, crimsons and scarlets. Especially adapted for bedding-plant sales. Seedlings sell on sight in flats, as they show the hybrid vigor and branch profusely. Tr. pkt. 50c,  $\frac{1}{8}$ oz. \$1.25,  $\frac{1}{4}$ oz. \$2.25,  $\frac{1}{2}$ oz. \$3.75, oz. \$6.75.

### Maximum Rust-Resistant Varieties

**Formula Mixture.** Hand-blended mixture; contains all the colors in the correct proportion.

**Velvet Giant, Reselected Strain.** Rich velvet red; tall and large flowered.

Either of above, tr. pkt. 40c,  $\frac{1}{8}$ oz. 70c,  $\frac{1}{4}$ oz. \$1.25, oz. \$3.75

**Harris Colossal Mixed.** Tr. pkt. 50c,  $\frac{1}{8}$ oz. 90c,  $\frac{1}{4}$ oz. \$1.75, oz. \$5.00.

At last you can sell your customers the finest Snapdragons for outdoor bedding or cutting. Futurama varieties grow  $3\frac{1}{2}$  to 4 ft. tall outdoors. Pinched plants will produce five or more strong breaks that will mature with extremely large spikes. Plants require no staking, for the strong heavy stems hold the plants upright. The large spikes are comparable to the finest winter greenhouse Snaps you have ever grown.

## ASTERS

14,850 S; 65° to 75° F.; 1 to 2 weeks; for spring sales sow 6 weeks before selling date

**FORCING ASTERS:** Asters form flower buds when axis elongation occurs. This does not occur under daylight periods less than 15 hours, unless the temperature is above 70°. Short days prevent axis elongation, but speed up bud development. The resulting flower is smaller and on a shorter stem.

**ADDITIONAL LIGHTING SCHEDULE:** 40-watt bulbs, 6 ft. apart and 2 ft. above the plant tops, give sufficient light for this crop. Give 3 hours additional lighting during the months of August, September, October and March. Give 4 hours additional lighting during November and February, and 5 hours additional lighting during December and January. We recommend lights set to come on at 10:00 P.M. Start lights on seed flats as soon as leaves appear and continue lights until first flowers show color.

Pot seedlings as soon as large enough. We highly recommend Jiffy Pots for this. Space 8 x 8 in. in the bench. Don't pinch.

Sowing	Potting	Benching	Blooming
Nov. 1	Nov. 25	Jan. 10	Apr.
Dec. 20	Jan. 20	Mar. 1	May
Feb. 1	Feb. 20	Apr. 1	June
Mar. 10	Apr. 1	Apr. 15	July
Apr. 20	Mar. 10	June 15	Aug.
May 20	June 10	July 15	Sept.
June 10	July 1	Aug. 1	Oct.

We cannot recommend forcing cut-flower types from November to mid-March.

For forcing in the greenhouse and for cloth house culture we recommend the New Ball varieties and new Duchesse; next in desirability are American Branching or The Royals.

We offer only Bodger's Wilt-resistant Strains, which have proved very satisfactory to the trade.

**Dwarf Queen.** Early flowering; 10 in. high. Wilt-resistant, dwarf base-branching plants with large double flowers freely produced. Will make ideal pot plants. We suggest placing three plants in a 5 or 6-in. pot or single plants in a 3½ or 4-in. pot. Do not mix colors in a pot, for each color blooms at a different time. To bloom in pots follow lighting schedule given above.

Sown Aug. 1, will bloom Dec. 13  
 Aug. 20, will bloom Jan. 10  
 Sept. 10, will bloom Feb. 10  
 Oct. 1, will bloom Mar. 20  
 Oct. 19, will bloom Apr. 18

For sowing at times other than above dates, follow above schedule given for forcing cut-flower Asters. Prick off to 2¼-in. pots about three to four weeks after sowing. The final shift to blooming-size pots is made about six weeks after transplanting.

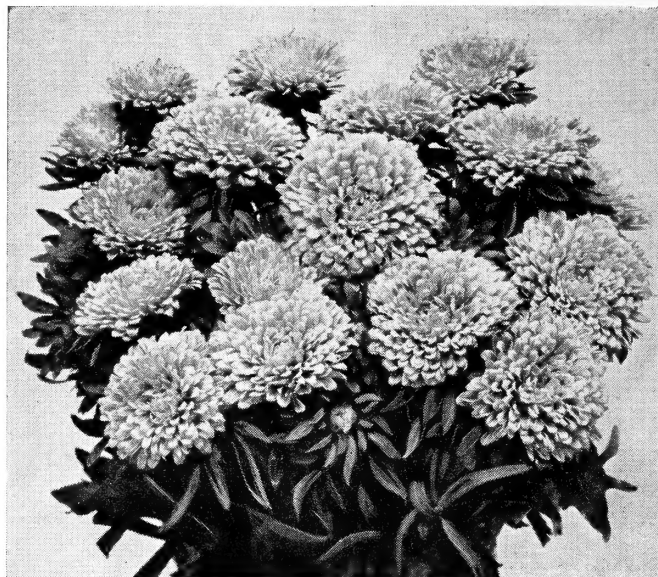
**Crimson.** Deep rose.  
**Deep Blue.** Violet-blue.  
**Light Blue.** True lilac-lavender.  
**Rose.** Bright rose-pink.  
**Scarlet.** Bright scarlet-red.  
**White.** Pure white.  
**Mixed Colors.** Mixture of all colors.

Any of above, tr. pkt. 60c, ¼oz. \$1.25, oz. \$3.75

**Kirkwell.** Ideal pot plants, to sow October and November for late January to March flowering.

<b>Crimson</b>	<b>Dark Blue</b>	<b>Deep Rose</b>
<b>Light Pink</b>	<b>Mixed Colors</b>	

Any of above, tr. pkt. 75c, ¼oz. \$2.00



ASTER, Dwarf Queen

### Best Asters for Greenhouse Forcing and Cloth House Culture

**Duchesse Pure Yellow.** (New.) An entirely new race of Asters for cut-flower use, this is the first color of this new strain. Large chrysanthemum-type blooms, 4½ to 5 in. in diameter. Vigorous, long stems; brilliant green foliage. Large, globe-shaped blooms resemble giant mums. Long keeping, wilt-resistant. Tr. pkt. \$1.75, ¼oz. \$3.20, oz. \$9.60.

**New Ball Varieties or Giant Incurred.** Wilt-resistant.

**Azure Ball.** Light blue. **Rose Ball.** Deep rose.  
**Pink Ball.** Shell-pink. **White Ball.** Pure white.  
**Purple Ball.** Rich dark blue  
**Florists' Mixed.** Contains 30% white, 30% pink, 20% azure, 10% rose, 10% purple.  
**Deep Purple Ball.** (New.) Darker and earlier than the original Purple Ball.

Any of above seven colors of New Ball Varieties, tr. pkt. \$1.75, ¼oz. \$3.20, oz. \$9.60

### Popular Varieties for the Home Garden, Also Good Forcing Types

**Early Giant Wilt-resistant.** Very early blooming. Giants of California type.

**Azure-Blue.** (New.) Soft azure-blue.  
**Crimson.** (New.)  
**Peach Blossom.** Opens white, flushed lavender-pink.  
**Rose Marie.** Deep rose.  
**White.** (New.) Pure white.  
**Finest Mixed.** Blend of above colors.

Any of above, tr. pkt. 50c, ¼oz. \$1.25, oz. \$3.75

**Super Giant Wilt-resistant.** (New.) The long-awaited wilt-resistant strain of true giant ostrich-feather flowers. Heavy non-lateral stems. Plants 3 ft. high.

**Beverly Hills.** Azure-blue.  
**El Monte.** Crimson.  
**Hollywood.** Pure white.  
**Los Angeles.** Shell-pink.  
**Palm Springs.** Deep rose.  
**Santa Barbara.** Dark purple.  
**Finest Mixed.** Full mixture of all colors.

Any of above, tr. pkt. 50c, ¼oz. \$1.25, oz. \$3.75

H. G. GERMAN, 103 Bank Street, Smethport, Penna.



ASTER, Giant Incurved Florists' Mixed

#### ASTERS, continued

**American Branching and the Royals.** Second early, following Queen of the Market types. Large, robust flowers in mid-August. 2 to 2½ ft. tall.

**Azure-Blue**  
**Rose**  
**Purple**

**White**  
**Shell-Pink (Mary Semple)**  
**Mixture of Above Colors**

**Sensation.** Scarlet.

Any of above, ⅛oz. 35c, ¼oz. 65c, oz. \$2.00

**Queen of the Market, Finest Mixed.** Earliest-flowering class; the least resistant. ⅛oz. 35c, ¼oz. 65c, oz. \$2.00.

**Crego.** Large flowers with petals nearly double the length of older varieties, curled and interlaced. Good shipper.

**Azure-Blue**  
**Deep Rose**

**Purple**

**White**  
**Finest Mixed**

**Rose-Pink.** (New). Light pink.

**Blue Flame.** (New). Bright blue.

Any of above, ⅛oz. 35c, ¼oz. 65c, oz. \$2.00

**Bedding Princess Mixed.** Attractive new cutting type that has become very popular wherever grown. Branching, early and free flowering. Mixture of all Princess colors. ⅛oz. 50c, ¼oz. 90c, oz. \$3.00

**Goldilocks.** Creamy yellow Aster Earlier deeper yellow version of Golden Sheaf. Tr. pkt. 50c, ¼oz. \$1.00, oz. \$3.75.

**Bouquet or Pompon.** Wilt-resistant.

**Azure.** (New.)  
**Peach Blossom**  
**Purple.** (New.)

**Rose-Pink**  
**White**  
**Scarlet**

**Powderpuffs.** Mixture of all colors.

Any of above, tr. pkt. 50c, ¼oz. \$1.50, oz. \$4.50

**Heart of France.** Very distinct rich red. Blooms early September. Tr. pkt. 40c, ¼oz. \$1.25, oz. \$3.75.

**All Double Varieties Mixed.** Originator's mixture of wilt-resistant strains.

**Single Rainbow Upright.** Habit allows plant to be cut as a bunch.

Any of above, tr. pkt. 30c, ¼oz. 50c, oz. \$1.50

## Culture For Forcing Asters

For cut-flower use either in the greenhouse or outside, the new F<sub>1</sub> Hybrids, Duchesse and Ball or Giant Incurved are best.

To produce large bloom size, it is necessary to remove the lower branches and thus limit the number of flowers per plant to five or six. Lateral stems will produce better quality if disbudded to one flower per stem.

For greenhouse cut flowers, try something *good*, something *different*. The Bouquet types perform exceptionally well and cut blooms last indefinitely. For home-garden sales, the American Branching or Royals are most popular; however, the new Bouquet types are close to them in popularity.

The Cregos are the ever-popular shaggy types. Early Giants are the same type bloom but earlier, while the Super Giants have the largest blooms with long stiff stems and bloom about 10 days later than the Cregos.

## ASPARAGUS

750 S; 70° to 80° F.; 4 to 6 weeks

High-germinating California-grown seed, averaging 75 per cent germination at 70-degree soil temperature.

**Plumosus nanus**

**Sprenger**

Either of above, 250 seeds 65c, 1000 seeds \$2.50,  
5000 seeds \$10.00, 10,000 seeds \$18.50

## BEGONIAS

30,000 S to ⅓oz.; 65° to 75° F.; 2 to 3 weeks; sow Jan. for 4 in. for May sales

For the convenience of the trade we have divided our Begonias into three groups: Intermediate, Dwarf and Tuberous-rooted. The following varieties have been accepted by our customers as the most satisfactory and best sellers.

**Intermediate.** 10 to 12 in.

**Carmen.** Rose-pink flowers; bronze foliage. Tr. pkt. \$1.25, ⅛oz. \$2.75, ¼oz. \$5.00.

**Indian Maid.** Deep scarlet flowers; lustrous bronze foliage. Tr. pkt. \$1.25, ⅛oz. \$2.50, ¼oz. \$4.50.

**Luminosa.** Deep scarlet flowers; light green foliage. Tr. pkt. \$1.25, ⅛oz. \$2.50, ¼oz. \$4.75.

**Prima Donna.** Most attractive, medium rose-pink. Tr. pkt. \$1.25, ⅛oz. \$2.00, ¼oz. \$3.50.

**Dwarf**

**Adeline.** Bright pink flowers and green foliage. Tr. pkt. \$1.50, ⅛oz. \$3.00, ¼oz. \$5.00.

**Benary's Rosy Red.** (F<sub>1</sub> Hybrid.) Striking color, sun and rainproof. For bedding and winter blooming. Extra dwarf. Tr. pkt. \$1.50, 1/128 oz. \$4.15, ⅛oz. \$8.00.

**Dwarf Luminosa.** Dwarf; bright scarlet. Tr. pkt. \$1.50, ⅛oz. \$3.00, ¼oz. \$5.50.

**Essen 1938.** (F<sub>1</sub> Hybrid.) Bright cherry-red. Very free flowering. Tr. pkt. \$1.50, ⅛oz. \$3.35.

**Frosted Chocolate.** Silvery white flowers with beautifully contrasting brownish bronze foliage. Free and continuous blooming. Tr. pkt. \$1.50, ⅛oz. \$3.35.

**Organdy.** (F<sub>1</sub> Hybrid.) New mixture of hybrid Begonias, sun and rainproof. Beautiful colors; extremely floriferous. For bedding or pot plants. Tr. pkt. \$1.50, 1/128 oz. \$6.25.

**Sleeping Beauty.** (F<sub>1</sub> Hybrid.) Bright carmine, sun and rainproof. Free flowering. Extra dwarf. Tr. pkt. \$1.50.

**Snowbank.** The best large-flowering pure glistening white; light green foliage. Tr. pkt. \$1.50, ⅛oz. \$2.75, ¼oz. \$5.00.

**Thousand Wonders Red.** (Hybrid.) Rich carmine-scarlet. Most free blooming dwarf red. Tr. pkt. \$1.50, 1/128oz. \$4.25.

**Thousand Wonders Pink (Tausendschon).** (F<sub>1</sub> Hybrid.) Beautiful bright sunproof pink. Dwarf. Tr. pkt. \$1.50, 1/128oz. \$4.25.

**Dwarf Mixture.** Hand mixture of dwarf varieties. Tr. pkt. \$1.25, ⅛oz. \$2.50, ¼oz. \$4.50.

**All Varieties Mixed.** Mixture of the best colors in all three classes. Tr. pkt. \$1.00, ⅛oz. \$2.00, ¼oz. \$3.75.

**Tuberous-rooted.** Early January sowing will make excellent plants for sales from June on.

**Double Mixed.** Carefully selected and saved from a leading European specialist's collection. About 80% doubles. Tr. pkt. \$2.50.

## BALSAM

3335 S; 65° to 70° F.; 2 to 3 weeks; Apr. 15

**Camellia-flowered, Mixed.** Extra double. Tr. pkt. 30c, 1/4oz. 50c, oz. \$1.50.

**Double Bush-flowering, Mixed.** Tr. pkt. 40c, 1/4oz. 75c, oz. \$2.25.

## BELLS OF IRELAND

Immensely popular with floral artists. Tr. pkt. 40c, 1/4oz. \$1.00, oz. \$3.00.

## BROWALLIA

65,000 S; 65° to 75° F.; 2 to 3 weeks; Dec.

**Speciosa major.** For potting and combinations. Violet-blue, 1 1/2-in. flowers carried on 10 to 12-in. plants. Tr. pkt. \$1.00, 1/6oz. \$2.00.

## CALCEOLARIA

600,000 S; 60° to 70° F.; 2 to 3 weeks; sow Aug. 1 for early Easter, Sept. 10 for Mother's Day

**Hybrid Mixed.** The first F<sub>1</sub> Hybrid Calceolaria. Medium-sized florets produced in large heads. Brilliant reds and yellows with some spotted make this an outstanding mixture. Hybrid vigor requires that this plant be finished in 6-in. pots rather than 5 in. 1/2tr. pkt. \$1.75, tr. pkt. \$3.00.

**Nana Multiflora.** Compact, free-blooming strain. Brilliant colors. Tr. pkt. \$1.50.

**Dwarf Tigered or Spotted.** Dwarf and compact. Tr. pkt. \$1.00, 1/4oz. \$2.50.

## CALENDULA, Forcing Varieties

4550 S; 65° to 70° F.; 2 to 3 weeks; Apr. 10

**Ball Gold Improved**

**Ball Lemon Queen**

**Ball Long Orange Improved**

**Masterpiece.** Deep orange-brown center; extra-long stem.

**Sensation Improved.** Brilliant orange.

**Mixed Colors.** Mixture of above colors.

Any of above, tr. pkt. 35c, 1/4oz. 50c, oz. \$1.50

## CALLIOPSIS

90,000 S; 65° to 70° F.; 2 to 3 weeks; Feb. 15

**Tiger Star.** Ideal for combinations and borders. Rich crimson, striped and mottled with yellow. The plant stays dwarf (8 in.). The bright, star-shaped flowers drew many favorable comments in our trials. Tr. pkt. 50c, 1/8oz. \$1.00.

## CANDYTUFT

9500 S; 65° to 70° F.; 1 to 3 weeks

### Hyacinth-flowered

**Super Hyacinth-flowered, Iceberg.** Individual florets up to one and one-half times as large as current strains. Should make Candytuft even more important as a florists' crop. Tr. pkt. 65c, 1/2oz. \$3.00, oz. \$5.50.

**Giant Hyacinth-flowered, White Pinnacle.** (New this year.) A valuable florist item. Pure white, taller than existing varieties. Tr. pkt. 75c, 1/4oz. \$1.90, 1/2oz. \$3.50, oz. \$6.00.

**Florists' Giant Hyacinth-flowered, White.** Enormous trusses of uniform blooms, very regular in growth. Tr. pkt. 50c, 1/2oz. \$1.00, oz. \$1.75.

**Umbellata, Fairy Mixture.** (New.) Many new and beautiful shades. An excellent item for borders. 6 to 8 in. Tr. pkt. 35c, 1/4oz. 60c, oz. \$1.80.

CARNATION,  
Chabaud's  
Giant  
Improved  
Strain



## CARNATION, Chabaud's Giant Improved Strain

14,585 S; 65° to 70° F.; 2 to 3 weeks; Feb. 1

**Blood-Red**

**Rose Queen**

**White**

**Scarlet**

**Yellow**

**Orange Sherbet.** Orange petals striped and flushed with scarlet.

**Florists' Mixture.** Special mixture of the best colors.

Any of above, tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75

**Giant Malmaison, J. M. Bridgeford.** A superb mixture. Blooms freely all summer; 16 to 20 in. Tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75.

**Baby Mixed.** Fine new annual for bedding and plant sales. Dainty double flowers, profusely borne. Tr. pkt. 60c, 1/8oz. \$1.25, 1/4oz. \$2.35.

**Grenadin.** See perennial types, page 24.

## CELOSIA

29,400 S; 65° to 70° F.; 1 to 2 weeks; Mar. 15

**Toreador.** All-America Selection, 1955. Lustrous bright red. For garden display, cutting and drying for winter arrangements. 18 to 20 in. Tr. pkt. 75c, 1/4oz. \$2.00, oz. \$6.00.

**Improved Cristata** (Dwarf Cockscomb).

**Dwarf Golden Yellow.**

**Fireball.** Bright scarlet.

**Rose.** Bright rose-pink.

**Finest Mixed.** Mixture of dwarf types.

Any of above, tr. pkt. 40c, 1/8oz. \$1.40

**Cristata** (Semi-Dwarf Cockscomb).

**Red and Gold.** Unique golden yellow striped with red. 15 in. Tr. pkt. 50c, 1/8oz. \$1.50.

**Giant Plumosa.** 43,500 S. (New.) 2 1/2 ft.

**Crimson Fleece.** Bright crimson; dark foliage.

**Forest Fire.** Fiery orange-scarlet. Outstanding in our trials.

**Golden Fleece.** Golden yellow spikes.

**Pampas Plume.** Many new colors. A distinct mixture.

Any of above, tr. pkt. 40c, 1/8oz. 65c, 1/4oz. \$1.20



CELOSIA, Cristata nana, Kardinal

### CELOSIA, continued

**Dwarf Plumosa.** Feathery type, base branching.

**Lilliput, Fire Feather.** Glowing scarlet.

**Lilliput, Golden Yellow.** Bright yellow.

**Dwarf Feather Mixture.**

Any of above, tr. pkt. 30c,  $\frac{1}{8}$ oz. 70c,  $\frac{1}{4}$ oz. \$1.30

**Cristata nana, Dwarf Firebrand.** Uniformly dwarf. Large, scarlet-crimson comb.

**Cristata nana, Kardinal.** Large, brilliant cardinal-red combs. 8 in.

Either of above, tr. pkt. 50c,  $\frac{1}{8}$ oz. \$1.00,  $\frac{1}{4}$ oz. \$1.85

## CENTAUREA

6050 S; 65° to 70° F.; 1 to 3 weeks

**Super-giant Cyanus** (Cornflower). Long-stemmed, large flowers and fully double strains.

**Blue Boy      Pinkie      Red Boy      Snowman**

Any of above, tr. pkt. 25c,  $\frac{1}{2}$ oz. 40c, oz. 65c,  $\frac{1}{4}$ lb. \$2.20

**Dusty Millers**

7500 S; 65° to 70° F.; 3 to 4 weeks; Dec. and Jan.

**Candidissima.** 6 in. A slow grower. Must be started early. Leaf type. Tr. pkt. 60c,  $\frac{1}{4}$ oz. \$1.25, oz. \$3.75.

**Gymnocarpa.** Silver-leaved, strong-growing fern leaf. Tr. pkt. 25c, oz. 90c.

**Maritima, Diamond.** 10 in. Leaf type. Very white foliage. Tr. pkt. 25c,  $\frac{1}{4}$ oz. 50c.

## CINERARIA

200,000 S; 65° to 70° F.; 2 to 3 weeks

**Dwarf Erfurt.** Ideal for small pots. Grows 8 to 10 in. tall and 10 to 12 in. in diameter. The last word in Cinerarias. Tr. pkt. \$1.50.

**Cremer's Prize Strain.** Tr. pkt. \$1.50,  $\frac{1}{4}$ oz. \$2.25.

**Large-flowered Hybrids.** Mixture of all shades. Large-flowered, compact plants. Tr. pkt. \$1.50,  $\frac{1}{4}$ oz. \$2.50.

**Siter's Rainbow Strain.** Tr. pkt. \$1.50,  $\frac{1}{4}$ oz. \$2.50.

**Cremer's & Siter's.** Mixture of equal proportions of these leading strains. Tr. pkt. \$1.50,  $\frac{1}{4}$ oz. \$2.50.

**Festival.** Bushy, compact, small-leaved strain. Medium-sized heads and mostly white-eyed flowers in a brilliant color range.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00,  $\frac{1}{4}$ oz. \$4.50.

## CLEOME (Spider Plant)

22,500 S; 65° to 70° F.; 1 to 2 weeks; Mar. 1

**Helen Campbell.** Pure white. Tr. pkt. 50c,  $\frac{1}{4}$ oz. 90c, oz. \$1.50.

**Pink Queen.** Soft pink. Tr. pkt. 35c,  $\frac{1}{4}$ oz. 55c, oz. \$1.90.

**H. G. GERMAN, 103 Bank Street, Smethport, Penna.**

## COLEUS

100,000 S; 70° to 80° F.; 2 to 3 weeks; Nov. through Jan.

**German's Rainbow Mixture.** Extremely fine strain of small to medium-leaved Coleus, with a wide range of striking and pastel colors. We are certain that we have the most brilliant strain available and challenge comparison.  $\frac{1}{2}$ tr. pkt. \$1.00, tr. pkt. \$1.75,  $\frac{1}{4}$ oz. \$2.25,  $\frac{1}{8}$ oz. \$4.15.

**Rainbow Strain, Regular Mixture.** Tr. pkt. 75c,  $\frac{1}{8}$ oz. \$1.80,  $\frac{1}{4}$ oz. \$3.25.

**Fringed Leaved.** Has a high percentage of fringed leaves with bright colors. Medium leaved.  $\frac{1}{2}$ tr. pkt. 90c, tr. pkt. \$1.50,  $\frac{1}{4}$ oz. \$2.10.

**Separate Colors from Seed, Small-leaved** (85 to 95% true to type). We are offering eight distinct, separate colors from seed in the small-leaved class, making it no longer necessary to grow separate colors from cuttings. Plant habits are dwarf and base-branching.

**Autumn Splendor.** Comes true from seed.

**Creamy White Edged Green (Candidum)**

**Old-Gold Edged Green**

**Red Shades.** Deep mahogany-red and carmine-rose edged green.

**Rose Shades.** Beautiful bright rose.

**Rose Edged Green.** Rich coral-rose edged green. Extra dwarf.

**Striped-Leaved**

**Velvet Red.** Brilliant blood-red.

**Separate Colors from Seed, Large-leaved** (85 to 90% true to type)

**Dwarf Soft Green with Gold Dust**

**Copper-Red**

**Red Shades.** Beautiful mahogany-red with carmine-red centers.

**Mixed.** Mixture of above three colors in equal proportions.

Any of above,  $\frac{1}{2}$ tr. pkt. \$1.25, tr. pkt. \$2.00,  $\frac{1}{4}$ oz. \$3.00

## COSMOS

5500 S; 65° to 70° F.; 1 to 2 weeks

**New Early Sensation.** Full color range, blooming two weeks earlier. Tr. pkt. 30c,  $\frac{1}{4}$ oz. 55c, oz. \$1.75.

## CYCLAMEN

**Bonfire.** Brilliant salmon.

**Bright Red.**

**Perle of Zehlendorf.** Dark salmon color.

**Pure White.**

**Rose of Zehlendorf.** Light salmon color.

**Saffron-Red, Silver Edged.**

**White with Carmine Eye.**

**Mixture of Above Colors.**

**New Ruffled Mixed.** Complete mixture of new types.

Any of above, \$2.50 per 100, \$20.00 per 1000  
250 of a variety at 1000 rate

## CYNOGLOSSUM

5000 S; 65° to 75° F.; 2 to 3 weeks

**Firmament.** 18 in. Clear blue flowers. Excellent bedder; stands hot dry weather. Tr. pkt. 25c,  $\frac{1}{4}$ oz. 45c, oz. \$1.35.

"German's Seeds Germinate"

We mean just that. We supply only fresh, high-germinating seeds and have a reputation of doing so.



DAHLIA, Unwin's Ideal Bedding

## DAHLIA

4060 S; 65° to 70° F.; 2 to 3 weeks; late Jan. For 4 and 5-in. plants for Mother's Day, sow Dec. 1

Easily raised from seed, Dahlias bloom profusely the same year sown. For small plant sales and combinations sow January 15. Tubers can be dug in fall and replanted, a sales item in selling to home gardeners. If sown in early December and pinched back, makes an excellent pot plant for Mother's Day.

### Dwarf Varieties

**Coltness Strain.** 18 in. Single, dwarf, free flowering. Tr. pkt. 25c, 1/4oz. 50c, oz. \$1.75.

**Fall Festival.** Highly recommended for bedding. 30 inches tall, not recommended for pots. Shades of red, scarlet, purple and crimson, with just enough bright yellows and apricots to add brightness. Contrasting dark red foliage. Tr. pkt. 60c, 1/4oz. \$1.20, 1/2oz. \$2.25.

**German's Dwarf Double and Semi-Double Hybrids.** An Improved Unwin. Tr. pkt. 50c, 1/4oz. 90c.

**Unwin's Ideal Bedding.** Dwarf, compact habit. Bright-colored. Profuse, double and semi-double flowers. Tr. pkt. 30c, 1/4oz. 80c, oz. \$2.50.

### Tall Varieties

**Select Large-flowered Decorative.** Best mixture of doubles and semi-doubles. Tr. pkt. 50c, 1/4oz. \$4.00.

**Extra Double Cactus Hybrids Mixed.** Tr. pkt. 50c, 1/4oz. \$4.00.

## DATURA (Angels Trumpet)

2000 S; 65° to 75° F.; 2 to 3 weeks

Large, trumpet-like flowers open light lavender, then turn white. Tr. pkt. 30c, 1/4oz. 65c, oz. \$1.00.

## DIANTHUS

23,100 S; 65° to 70° F.; 2 to 3 weeks

**Heddewigi laciniatus, Double Gaiety.** A full double form in all carnation shades. Tr. pkt. 35c, 1/4oz. 75c, oz. \$2.50.

**Heddewigi, Single Brilliant Mixed.** Large blooms, all beautifully zoned. Tr. pkt. 35c, oz. \$2.50.

## DRACAENA

1000 S; 65° to 75° F.; 5 to 7 weeks; Dec. and Jan. (takes 14 to 18 months)

**Indivisa.** Tr. pkt. 20c, oz. 55c, 1/4lb. \$1.65, lb. \$5.50.

## GAILLARDIA (Blanket Flower)

9550 S; 65° to 70° F.; 2 to 3 weeks; Mar. 15

**Gaiety Mixed.** Bright-colored double mixture. Tr. pkt. 20c, 1/4oz. 50c, oz. \$1.50.

## GLOXINIA

800,000 S; 65° to 75° F.; 2 to 3 weeks

Sow in January for blooming plants in 4-in. pots during June and July. Gloxinia seed is very fine and must be carefully handled.

### Berlin or Gierth's Strain

**Berlin Red.** Blood-red.  
**Berlin Blue**

**Berlin White**  
**Berlin Mixed**

**Emperor William.** Dark violet bordered white.

**Friedrich.** Brilliant scarlet with white throat.

**Panzer Scarlet.** Beautiful velvety scarlet.

**Switzerland.** Scarlet with white border.

**Tigrinia.** Tigered and spotted.

**German's Special Mixture.**

Any of above, tr. pkt. \$1.25, 6 tr. pkts. \$6.00



GOMPHRENA, Cissy

## GOMPHRENA

10,150 S; 65° to 75° F.; 2 to 3 weeks; Feb. or Mar.

**Buddy.** Dwarf plants with small, ball-shaped, bright reddish purple flowers. Excellent for borders and combinations. Tr. pkt. 60c, 1/4oz. \$1.00, oz. \$3.00.

**Cissy.** New pure white companion to Buddy. Tr. pkt. 60c, 1/4oz. \$1.00, oz. \$3.00.

**Dot and Dash.** Formula blend of dwarf Buddy and Cissy. Makes a striking border plant. Tr. pkt. 60c, 1/4oz. \$1.00, oz. \$3.00.

### Tall

**Rubra.** 2 ft. Bright reddish purple. Tr. pkt. 30c, 1/4oz. 50c, oz. \$1.50.

**Mixture.** 2 ft. Purple, silvery white, pink and orange. Tr. pkt. 30c, 1/4oz. 50c, oz. \$1.50.

## GREVILLEA (Silk Oak)

3000 S; 65° to 75° F.; 2 to 3 weeks; Aug. and Sept.

**Robusta.** Popular foliage plant used with Poinsettias. Tr. pkt. 40c, 1/4oz. \$1.35, oz. \$4.00.

## GYPSOPHILA

34,000 S; 60° to 70° F.; 1 to 2 weeks

**Carminea.** Small, 1/4 in., pink flowers. Tr. pkt. 25c, oz. \$1.20, 1/4lb. \$4.00.

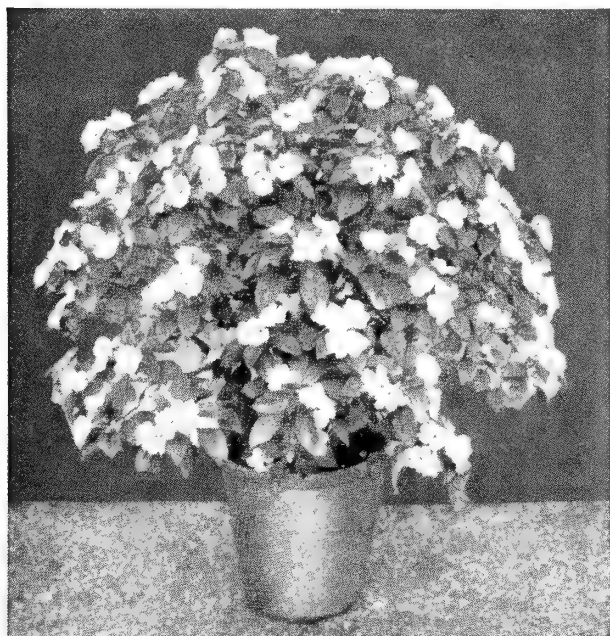
**Covent Garden Market.** Large, white, full-petaled flowers. Oz. 30c, 1/4lb. 75c, lb. \$2.50.

**Elegans grandiflora, London Market.** Oz. 30c, 1/4lb. 85c, lb. \$2.50.

## HELIOTROPE

53,000 S; 65° to 75° F.; 3 to 4 weeks; Mar. 1

**Dwarf Regale Mixture.** Fragrant strain, 15 in. tall. An excellent variety with large, lavender-violet flower heads. Tr. pkt. 40c, 1/4oz. \$1.00.



IMPATIENS, Sultanii nana

## IMPATIENS

70,000 S; 65° to 75° F.; 2 to 3 weeks; Jan. 1 for Mother's Day, Feb. 1 for June 1

Ideal for bedding in shady places. Excellent for spring combinations if sown February 1. Easily grown.

### Sultanii nana

**Dwarf Orange Baby.** New extra-dwarf, flat-growing variety of bright orange color

**Dwarf Scarlet Baby.** A bright scarlet counterpart to above, with the same plant habits.

**Nana Mixed.** Contains all the above colors and many others.

Any of above,  
tr. pkt. \$1.50, 1/32oz. \$3.50, 1/16oz. \$6.50, 1/8oz. \$12.00

## IPOMOEA (Moonflower or Morning-Glory)

675 S; 65° to 70° F.; 1 to 3 weeks (soak seeds);  
Feb. through Mar.

**Clarke's Heavenly Blue.** Tr. pkt. 25c, oz. 75c.

## KALANCHOE

900,000 S; 65° to 75° F.; 1 to 2 weeks. Sow Jan. for 4 and 5-in. plants for Christmas. Shade with black cloth by Sept. 1 for 6 weeks. June sowing, use 2 seedlings in 2 1/2-in. pot for winter plants.

**Ernst Thiede.** Very dwarf, compact growth. Glowing red.  
**Tom Thumb.** Very dwarf. Short flowering stems form just above foliage.

Either of above, tr. pkt. \$1.50, 1/128oz. \$3.00

## KOCHIA (Summer Cypress)

30,800 S; 65° to 75° F.; 1 to 2 weeks; Apr. 15 to May 1

**Childsii.** Very attractive bush; stays clean fresh green. Tr. pkt. 15c, oz. 50c.

## ANNUAL LARKSPUR

9410 S; 55° to 65° F.; 3 to 4 weeks

### Giant Imperial or Base Branching Supreme Class

New strain of tall-growing, base-branching, upright plants with huge central spike. Fully double flowers in outstanding new colors.

**Dark Blue.** Rich violet-purple.

**Supreme Light Blue.** Beautiful soft azure-blue. The best light blue

**White.** Best pure white available.

**Supreme Mixture.** Formula mixture of above and additional colors.

Any of above, tr. pkt. 40c, 1/2oz. \$1.00, oz. \$1.80,  
1/4lb. \$6.00, lb. \$18.00

### Regal Larkspur

**Regal Deep Carmine.** Richer than Carmine King.

**Regal Pink.** Brilliant pink on salmon.

**Regal Rose.** Long-stemmed, true rose.

**Regal Salmon-Rose.** Rich salmon.

**Regal White.** Pure white.

**Finest Mixed.** Mixture of many colors.

Any of above, tr. pkt. 40c, 1/2oz. \$1.00, oz. \$1.80, 1/4lb.  
\$6.00, lb. \$18.00

## LOBELIA

910,000 S; 60° to 70° F.; 2 to 3 weeks; Jan. through Feb.

Very popular bedding and combination plants, unsurpassed for bright blue edging. Sow not later than February 1.

### Compacta

**Cambridge Blue.** Light blue.

**Crystal Palace.** Deep blue. Dark foliage.

**Emperor William.** Gentian-blue. Green foliage. Better than Blue Gown.

**Mrs. Clibran Improved.** Deep blue with white eye. Dark foliage.

**Rosamond.** Deep carmine with white eye. Tr. pkt. 40c, 1/8oz. \$1.25.

**White Lady.** Pure glistening white.

Any of above, except as noted, tr. pkt. 40c, 1/4oz. \$1.25,  
oz. \$3.75

### Pendula or Trailing

**Sapphire.** Deep blue with white eye. Tr. pkt. 40c, 1/4oz. \$1.20.

**IMPATIENS.** One of the best items that you can grow for bedding, also make appealing pot plants. Under partial or complete shade conditions plants are covered with a mass of blooms until frost.

## ANNUAL LUPINE

1300 S; 65° to 75° F.; 2 to 3 weeks

**Giant King.** Makes nice spring cut-flower crop in either 3-in. pots or flats from a January sowing.

**Oxford Blue.** Deep blue.

**Sky-Blue.**

**White.** Pure white.

Any of above, tr. pkt. 25c, oz. \$1.00

## MARIGOLDS

8000 S; 65° to 70° F.; 1 to 2 weeks; Mar. 1 to 15

**Crackerjack.**® (New.) Distinctly earlier than any other giant-flowered type. All colors known to Giant Marigolds. Blooms 4 to 6 in. in diameter, 30 to 36 in. tall. Tr. pkt. 40c, ¼oz. \$1.00, oz. \$3.00.

®Registered trade mark of Bodger Seeds, Ltd.

### FOR CUTTING—CARNATION-FLOWERED

**Burpee Gold Improved.** Orange; odorless.

**Man-in-the-Moon.** Pale moon-yellow.

**Yellow Supreme.** Dazzling lemon.

**Treasure Chest.** Well-blended mixture.

### CHRYSANTHEMUM-FLOWERED

**Orange Clown.** African type. Rich deep orange collarette type. Very early and free flowering. Absolutely odorless. Flower is 2½ to 3 in. across. Height 2½ ft. Tr. pkt. 35c, ¼oz. 85c, oz. \$3.00.

**Early Sunshine.** Bright lemon-yellow.

**Goldsmith.** Golden orange.

**Mammoth Mum.** Light sulphur-yellow. Largest flowered.

**Orange Mum.** (New.) Vivid rich orange. Very large.

**Choice Mixture.** A formula mixture of the above colors.

Any of above, tr. pkt. 35c, ¼oz. 55c, oz. \$1.75

**EARLY SEMI-DWARF FLOWERED.** 1½ to 2 ft., with 2½ to 3-in. blooms. Very early.

**Golden Crown.** Beautiful glowing yellow, 3½ to 4½-in. blooms on plants growing about 20 in. high. Extremely early.

**Honeycomb.** Glowing orange.

**Mixture.** Extremely bright mixture of Golden Crown, Happiness and Honeycomb.

Any of above, tr. pkt. 35c, ¼oz. 85c, oz. \$3.00

### DWARF FRENCH DOUBLES

9000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 for early Apr., Mar. 1 for June 1

#### Petite Marigolds®

##### All-America Award Winners for 1958

This new class of Extra Dwarf Doubles has received the award because it fills a much-felt need for extra-dwarf, very early, uniformly even and extremely floriferous varieties for fat sales, borders, bedding, combinations and mass effects.

**Petite Gold.** Pure golden yellow.

**Petite Orange.** Dwarfier, truer and more prolific than Sunkist.

**Petite Harmony.** Extremely uniform, dwarfier, more floriferous and richer colored than Dwarf Spry. Deep mahogany-red collar with gold crest.

**Petite Yellow.** Extremely uniform, clear strong yellow. Dwarf and prolific.

Any of above, tr. pkt. 45c, ¼oz. 75c, oz. \$2.25, ¼lb. \$6.75

**Petite Mixed.** Four colors mixed in equal proportions.

**Special Collection:** 1 tr. pkt. of each of above 4 colors and mixture (5 pkts.) for \$2.00.

®Registered trade mark of Denholm Seed Co.

### MARIGOLD, Dwarf French Doubles, continued

**Color Magic.** Bright and interesting color mixture. Large flowers. Very uniform habit.

**Lemon Drop.** Sparkling lemon-yellow. An improved yellow Pygmy with larger, fully double flowers.

**New Extra Dwarf Harmony.** Maroon collar, bright orange center.

**Primrose Gem, Extra Dwarf.** (New.) Rich primrose-yellow blooms 2 to 2½ in. in diameter, on compact plants 9 to 12 in. tall.

**Rusty Red.** Large, fully double, red flowers. Free blooming.

**Spry.** Dark red petals and golden crest.

**Sunkist.** Deep golden orange.

**Tangerine.** Very double, large, tangerine-orange blooms.

**Spry Hybrids Mixed.** True dwarf habit in a complete range of colors and flower types.

Any of above, tr. pkt. 35c, ¼oz. 55c, oz. \$2.00, ¼lb. \$6.00

**Firetail.** A most striking color combination. Golden orange petals and tufted center, with reddish scarlet markings shooting through them from the base of the bloom. Tr. pkt. 50c, ½oz. \$1.10, ¼oz. \$2.00.

### CUPID VARIETIES

**Cupid Golden.** (New.) A rich golden color.

**Cupid Yellow.** Dwarf; 8 in. Primrose-yellow, chrysanthemum-like flowers, 2½ to 3 in. across.

**Cupid Orange.** (New.) True strain of orange.

**Cupid Mixed.** Various shades of orange, primrose and yellow.

Any of above, tr. pkt. 50c, ½oz. 90c, ¼oz. \$1.75, oz. \$5.00



MARIGOLD, Dainty Marietta

### DWARF FRENCH SINGLES

10,000 S; 60° to 70° F.; 1 to 2 weeks; Feb. 1 for early Apr., Mar. 1 for June 1.

The Dwarf French Marigolds are excellent for spring flat sales, combination work, bedding and borders.

**Brownie.** (New.) Rich mahogany-red with bright yellow crest. A dwarf, bushy plant. Very early blooming.

**Naughty Marietta.** Freely produced, single, golden yellow flowers with attractive dark red eyes. 12 in.

**Ruffled Red.** Beautifully ruffled mahogany-red, edged gold.

**Sunny.** Clear yellow. Profuse blooming habit.

**Spanish Flag.** Fine mixture of the single varieties.

Any of above, tr. pkt. 30c, ¼oz. 50c, oz. \$1.75

**Dainty Marietta.** Very early and compact. Brighter yellow than Naughty Marietta. Excellent for flat sales and borders. Tr. pkt. 40c, ¼oz. \$1.10, oz. \$3.35.

## MARIGOLD, Dwarf French Singles, continued

### DWARF GIGANTEA. 18 to 20 in.

**Dwarf Gigantea, Pot o'Gold.** Deep golden orange, sweet-scented flowers 4 to 4½ in. in diameter. Free flowering, neat and compact. Tr. pkt. 25c, ¼oz. 50c, oz. \$1.75.

### TAGETES SIGNATA PUMILA

**Gnome.** The well-known golden yellow. Tr. pkt. 25c, ¼oz. 35c.

**Lulu.** (New.) Bright yellow. Compact, ball-shaped plant about 7 in. high. Tr. pkt. 35c, ¼oz. 70c, ¼oz. \$1.25.

**Ursula.** (New.) Same habit as Lulu but bright orange color. Tr. pkt. 35c, ¼oz. 70c, ¼oz. \$1.25.

## NICOTIANA

239,000 S; 65° to 70° F.; 1 to 2 weeks; Apr. 15

**Daylight White.** White; large flowered. 36 in. tall

**Daylight Sensation Mixed.** (New.) Blooms remain open during daytime. Brilliant range of colors.

Either of above, tr. pkt. 40c, ¼oz. \$1.00

## NIEREMBERGIA

182,900 S; 70° to 75° F.; 2 to 3 weeks; Dec. and Jan.

**Hippomanica.** Light lavender. Old type becoming very popular again for use in cemetery urns, hanging baskets, etc., because of its trailing habit.

**Purple Robe.** Unusually attractive for combination work and bedding.

Either of above, tr. pkt. 50c, ¼oz. \$1.00, ½oz. \$1.75

## PANSY

21,700 S; 65° to 70° F.; 2 to 3 weeks; late Dec.

Early January sowing will make attractive plants to sell in the spring. We have been specializing in Pansy seed for a number of years and we list below the leading varieties for the average florist. Roggli's seed is the finest strain in the world, with rich colors and huge flowers. Petals have a texture that makes this strain outstanding.

**German's New Winter-flowering.** A new development; large flowering. Butterfly type in size, color and shape. Often measures 3 in. across. Very tall growing with long stems. Mostly delicate colors. Tr. pkt. \$1.50, ½oz. \$3.75, ¼oz. \$7.25.

**Clear Crystals.** Early, medium large blooms. Clear colors without blotches—very bright blues, oranges, reds, etc., artistically blended. Tr. pkt. \$1.00, ¼oz. \$2.50, oz. \$7.50.

**Celestial.** Bright light blue.

**Copper.** Sharp copper-red. (Crop failed.)

**Lilac.** Attractive lilac shades.

**Orange.** Orange sherbet color.

**Scarlet.** Distinct mahogany-red.

**Yellow.** Deep golden yellow.

Any of above, tr. pkt. \$1.00, ¼oz. \$2.50, oz. \$7.50

**Pacific Giant Hybrid, Color Carnival.** Exceptionally large blooms on plants that plainly show their vigor. A remarkable accomplishment in bloom size and color. Predominantly red and wine shades. Tr. pkt. \$1.50, ½oz. \$3.75, ¼oz. \$7.00, ½oz. \$12.00, oz. \$22.00.

**Roggli's Elite Mixture.** (Originator.) Finest mixture of bright attractive colors. Especially recommended for its large flowers and uniformity in color and habit. The best strain of Swiss Giant Pansy obtainable anywhere. Tr. pkt. \$1.50, ½oz. \$3.75, ¼oz. \$7.00, oz. \$22.00.

## PANSIES, continued

**Canadian Giants.** A selection of extra-large Maple Leaf Giants. ¼oz. \$3.10, ½oz. \$5.50, oz. \$10.20.

**Engelmann's Giant Mixture.** (Originator's seed.) Large-flowered and brightly colored strain, many being penciled and veined. Tr. pkt. \$1.00, ½oz. \$3.30, ¼oz. \$6.00, ½oz. \$10.00, oz. \$18.00.

**German's Special Swiss Giants.** (New.) This new mixture has very large flowers in an excellent range of colors. It brought many favorable remarks in our trials. Tr. pkt. 75c, ¼oz. \$3.15, ½oz. \$5.75, oz. \$10.50, ¼lb. \$36.00.

**Swiss Market or Florist's Strain.** This is a new mixture with large flowers and an outstanding range of colors, for your select trade. Tr. pkt. 75c, ½oz. \$1.40, ¼oz. \$2.75, oz. \$9.00.

**Waller-Franklin Formula Mixture of Swiss Giants.** The outstanding American strain. ¼oz. \$3.50, oz. \$12.00.



PANSIES, German's Special Swiss Giants

### SWISS GIANTS IN SEPARATE COLORS

**Alpenglow.** Rich garnet-red.

**Berna.** Dark velvet without eye.

**Blumlisalp.** Pink-carmine.

**Coronation Gold.** The finest clear yellow.

**Firebeacon.** Brick-red.

**Jungfrau.** Pure white.

**Lake of Thun.** Blue with dark blue blotches.

**Pay Dirt.** Largest golden yellow with dark rays.

**Raspberry Rose.** A lovely pink with a deep velvety blotch.

**Rhinegold.** Yellow with deep brown blotch.

**Super Beaconsfield.** Beautiful blue, lower petals shading to white, flushed lilac on the upper petals.

Any of above, tr. pkt. 80c, ½oz. \$2.00,  
¼oz. \$3.50, oz. \$10.50

## DOUBLE PETUNIAS

250,000 S; 65° to 70° F.; 1 to 2 weeks; sow in Nov. for Easter, from then to Mar. for different sizes for June

**German's Special All-Double Mixture.** This is our own mixture from the best varieties. It is carefully blended from the best colors of Pan-American, Canadian and Sakata strains. All are large flowered and a high percentage are fringed. Our careful blending assures you of the finest range of bright-colored, dwarf, compact plants. Tops in popularity wherever grown. Because it is mixed from separate colors, the price is in line with those varieties.  $\frac{1}{2}$ tr. pkt. \$2.50, tr. pkt. \$4.25, 1/128oz. \$8.00,  $\frac{1}{4}$ oz. \$15.25.

### PAN-AMERICAN ALL-DOUBLES

In our opinion the most outstanding strain of Double Petunias offered today. Plants branch freely, are sturdy, compact, free flowering and the flowers are large and deeply fringed.

**Allegro Improved.** This outstanding variety has been greatly improved. Deep salmon, dwarf, giant fringed. A lovely new color.

**Caprice Improved.** Beautiful, deeply fringed bright rose flowers on dwarf compact plants. The best double rose obtainable.

**Minuet.** Now vastly improved. We have found this to be the most suitable orchid for pots or bedding.

**Nocturne.** Deep midnight-purple flowers, very large. This strain has been much improved since first introduced.

**Rhapsody.** Deep Burgundy-wine-purple, huge fringed flowers; very uniform. Dwarf, vigorous, free branching. The finest in its color class. Try it.

**Sonata.** The best double white ever offered to the trade. Very large flowered and deeply fringed. No semi-doubles.

**Any of above,  $\frac{1}{2}$ tr. pkt. \$2.75, tr. pkt. \$4.50, 1/128oz. \$8.50,  $\frac{1}{4}$ oz. \$16.00**

**Glorious Mixture.** Contains six separate colors in the following amounts: Allegro 25%, Caprice 35%, Minuet (lavender) 5%, Nocturne 5%, Rhapsody 10%, Sonata 20%. 500 seeds \$2.25, 1000 seeds \$4.00, 1/128 oz. \$7.50,  $\frac{1}{4}$ oz. \$14.50.

### CANADIAN ALL-DOUBLES

**Cotton Candy.** A really outstanding, heavily fringed variety of exquisite form. Light salmon.

**Rose of Canada.** Fully double, bright medium to deep rose flowers about 3 in. in diameter. Compact, bushy plants.

**Canadian Mixture, Improved.** (100% double.) Improved by adding separate colors. Plants are uniformly dwarf, but vigorous and base branching.

**Any of preceding,  $\frac{1}{2}$ tr. pkt. \$2.50, tr. pkt. \$4.00, 1/128oz. \$7.60,  $\frac{1}{4}$ oz. \$14.45,  $\frac{1}{32}$ oz. \$28.00**

**All-Double America.** (New Strain.) Deep rose, medium-sized, very double, rose-like flowers completely cover the plants.  $\frac{1}{2}$ tr. pkt. \$1.35, tr. pkt. \$2.50, 1/128oz. \$4.50,  $\frac{1}{4}$ oz. \$8.00.

### SAKATA'S ALL-DOUBLE DWARF (VICTORIOUS) FRINGED

**Gaiety.** An old favorite, dwarf type in rose or light rose, red and white. Flowers  $3\frac{1}{2}$  to 4 in. in diameter. A wonder for combination work.  $\frac{1}{2}$ tr. pkt. \$2.25, tr. pkt. \$4.00, 1/128oz. \$6.50,  $\frac{1}{4}$ oz. \$12.00,  $\frac{1}{32}$ oz. \$22.00.

**Blue Brocade.** Well-known, true violet-blue, fringed flowers  $3\frac{1}{2}$  to 4 in. in diameter, are borne on 10-in. plants.

**Blue Monarch.** Deep purple. An improved Blue Brocade.

**Purple Queen.** Large, well fringed, full double. Rich wine-purple. 9 to 12 in. high.

**Rosy Carmine Reselected (World Beauty or Pink Perfection).** This improved variety has a brighter rose color and is more uniform in growth. 10-in. plants with 4-in. blooms. A "must" for pot-plant growers.

**White Swan.** The largest all-double white. Fully  $4\frac{1}{2}$  in. in diameter, beautifully fringed.

**Dwarf Giant (Victorious) Mixed.** We add separate colors to the originator's mixture to give you a better color range.

**Any of above,  $\frac{1}{2}$ tr. pkt. \$2.25, tr. pkt. \$4.00, 1/128 oz. \$6.50,  $\frac{1}{4}$ oz. \$12.00,  $\frac{1}{32}$ oz. \$22.00**

## PETUNIAS

250,000 S; 65° to 70° F.; 1 to 2 weeks; sow in Nov. for Easter, from then to Mar. for different sizes for June

### NEW F<sub>1</sub> HYBRIDS OR LARGE-FLOWERED TYPES

Try these new types and see the difference. They are uniform, vigorous, freer in bloom and show color earlier and more uniformly.

#### F<sub>1</sub> Hybrid, Single Grandiflora

250,000 S; 65° to 75° F.; 1 to 2 weeks; Jan. 15 to Mar. 1

**Blue Lustre.** Flowers are a deep velvety blue; as they mature, they develop a rich red undertone. 12 in. high and spreads to 24 in. at end of season. Never a pause in flower production.

**Scarlet Lustre.** Vivid scarlet blooms with waved and fringed petal edges and bright yellow throat. Unlike earlier attempts in this color, Scarlet Lustre is sturdy, profuse of bloom and resists botrytis.

**Either of above,  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00, 1/128oz. \$5.50,  $\frac{1}{64}$ oz. \$10.00,  $\frac{1}{32}$ oz. \$19.00,  $\frac{1}{16}$ oz. \$36.00,  $\frac{1}{8}$ oz. \$69.00**



#### TOREADOR

(New.) Bright deep velvety crimson-red. The best crimson Grandiflora yet, in color, size and habit. Huge, slightly ruffled blooms 4 in. in diameter. Uniformly dwarf and prolific, with clean dark green foliage.

**Ballerina.** All-America Winner for 1952. Soft glowing salmon. Dwarf, compact and vigorous.  $3\frac{1}{2}$  to 4-in. blooms. Excellent for pots; outstanding for gardens.

**Black Magic (Serenade).** Dwarf fringed midnight-purple. Excellent for pot plants or bedding. Florets  $2\frac{3}{4}$  to  $3\frac{1}{4}$  in. in diameter. Plants are well covered with flowers at all times.

See price on page 15

## PETUNIAS, continued

### New F<sub>1</sub> Hybrids or Large-Flowered, continued

**Blue Magic.** (New.) Beautiful violet-blue with light throat, 3 in. in diameter. Dwarf, compact, extra vigorous, easily grown.

**Crusader.** Large, fringed rose-pink-on-white variegation. The sharp contrast in color makes this variety very attractive.

**Fire Dance.** All-America Winner for 1956. Large Fringed Grandiflora. Very brilliant tango-red with rich golden throat. Highly recommended.

**La Paloma Improved.** (New.) Pure white blooms with well-fringed petal edges and yellow throat. More dwarf and profuse blooming than White Magic. The most beautiful white we have ever grown.

**Maytime.** All-America Winner for 1958. The largest flowering ruffled and fringed Petunia. Flowers are a stunning rosy salmon-pink, 3½ in. and over in diameter. Plants grow only 12 in. high. This new Petunia holds up well in rain or heat and is continuously covered with flowers.

**Prima Donna.** All-America Selection for 1954. This new variety has the same growing and flowering habits as Ballerina. Bright rose-pink with well-fringed, 3½ to 4-in. blooms.

**Sabre Dance.** (New.) Startling new color combination, bright maroon with white star. Extra-large, ruffled blooms 4½ in. in diameter. Extremely prolific and vigorous.

**Sarong.** Large, fringed, bright deep salmon-scarlet with white variegation. Dwarf, compact habit; extremely free flowering. All visitors remarked about this beautiful new variety.

**Tango.** Deep salmon-scarlet. Dwarf fringed. More vigorous than the Erfurts; freer blooming.

**Toreador.** See Page 14 for Description.

**White Magic.** Pure white ruffled Grandiflora blooms. Dwarf compact habit.

**Florists' Mixture** (Ballet). Contains all the above colors in well-blended proportions, plus many new shades.

**Any of above, ½tr. pkt. \$1.35, tr. pkt. \$2.50, 1/128oz. \$4.50, ¼oz. \$8.00, ½oz. \$15.50, 1/16oz. \$29.00**

**Blue Mantle.** Rich velvety violet-blue. Very uniform in its dwarf habit. Our trial did not show any white variegation. Very early blooming. We believe this to be the best large-flowering violet-blue ever introduced.

**Bonfire.** Dazzling bright salmon-scarlet with golden throat. Florets 3 in. in diameter are profusely borne on dwarf compact plants. Very early blooming.

**Fairyland.** Beautiful light salmon-pink. Very uniform, compact grower about 8 in. high, carrying a mass of 3-in. blooms.

**Flirt.** Clear pink. A dwarf, compact grower about 8 in. tall, completely covered with 3½-in. blooms. The best bloomer in our trials.

**Glamour.** Bright rose and white bicolor. Extremely compact. Stays dwarf and blooms early. Large, fringed, 3¾ to 4-in. blooms. For pots and flat sales.

**Dwarf Snow Cap.** Pure white flowers similar to Popcorn but 100% Grandiflora. Vigorous, free-blooming plants. The largest flowering white available.

**Minstrel.** Large 3-in. flowers. White marked with rich blue. Dwarf, compact habit. Extremely uniform in habit and marking.

**Modesty.** The largest soft silver-blue available. Daintily fringed blossoms on compact plants.

**Velvet Robe.** Bright purple, the newest color in hybrid Petunias. 100% Grandiflora. Extremely compact; profuse blooming habit.

**Any of above, ½tr. pkt. \$1.00, tr. pkt. \$1.75, 1/128oz. \$3.50, ¼oz. \$6.50, ½oz. \$12.00, 1/16oz. \$20.00, 1/8oz. \$36.00, 1/4oz. \$65.00**

**Color Parade.** (New.) F<sub>1</sub> Hybrid Grandiflora Mixture. A special formula mixture of 30% scarlet, 10% scarlet and white, 15% blue, 7% salmon, 10% pink, 10% rose, 10% white, 5% purple and 3% lavender, which we have found to be exceedingly bright in our trials. Tr. pkt. \$1.00, 1/128oz. \$2.40, ¼oz. \$4.00, ½oz. \$6.85, 1/16oz. \$11.75, 1/8oz. \$20.00, 1/4oz. \$35.00.

### F<sub>1</sub> HYBRID, SMALL-FLOWERED SINGLES OR MULTIFLORAS

**Pink Satin.** These brilliant rose-pink blooms command attention. Has the same attractive, globe-shaped plant and ability to cover itself with blooms as the popular Red Satin.

**Peach Satin.** Beautiful warm salmon-pink. Flower size larger than others of the Satin group and slightly taller plant habit, but has the same globe-shaped plants and ability to bloom as others in the Satin Series.

**Red Satin.** All-America Winner for 1957. Richer, brighter, more dwarf scarlet-red, with larger flowers than Comanche. Given the award because of its superiority.

**Any of above, ½tr. pkt. \$1.25, tr. pkt. \$2.25, 1/128oz. \$3.50, ¼oz. \$7.00, ½oz. \$12.75, 1/16oz. \$23.50, 1/8oz. \$43.00**

**Alpha Crimson.** Dark velvet crimson.

**Alpha Purple.** Dark blue or purple, by far the most dwarf dark blue of the more than 20 samples we tested. More dwarf and compact than Blue Ribbon, only 10 in. in height at end of season in our trials.

**Alpha Red.** Bright flaming red. Stayed slightly more dwarf than Red Satin and more uniform habit, only 12 in. high at end of season. Same color as Red Satin.

**Alpha Rose.** Soft glowing Celestial Rose shade.

**Alpha White.** Pure uniform compact white, only 12 in. in height at end of growing season in our trials. Most dwarf F<sub>1</sub> white on the market.

**Aztec.** Best described as a dwarf Comanche with a prominent bright yellow throat. Beautiful as a bedder and border plant.

**Comanche.** Brilliant scarlet-crimson. Deeper, more intense color than Fire Chief, with larger flowers profusely borne. A leading variety.

**Comet.** (New.) Bright crimson-red with perfect white star. Dwarf, compact, free flowering, vigorous.

**Inca.** An intense deep cerise-rose with bright yellow throat. Vigorous, compact plants. A beautiful bedding and border Petunia.

**Linda.** Clear light salmon-pink. Dwarf, vigorous, free-blooming plant. Color same as Silver Medal, but plant is more dwarf.

**Mars.** (New.) Crimson-red. Dwarf, compact, vigorous, free-branching plants.

**Neptune.** (New.) Light violet-blue. Excellent dwarf, compact, free-flowering, vigorous plants.

**Paleface.** Pure white. Unquestionably the most vigorous and extremely free-flowering white Petunia in existence. All growers who have observed this variety place it on their "must" list.

**Satellite.** (New.) Bright rose with perfect white star. Dwarf, compact, profuse blooming.

**Silver Medal.** Salmon-cerise. Uniform height (12 to 16 in.) and color. Profuse bloomer.

**Sioux.** Intense glowing salmon shading toward red at throat. Similar in color to the highly popular Ballerina. Vigorous and free blooming, on dwarf compact plants.

**Venus.** (New.) Bright rose-pink. Dwarf, compact and spreading. Best rose-pink color and plant habit in its class.

**War Paint (Pow-wow).** Blend of all the above colors plus several new shades.

**Any of above, ½tr. pkt. \$1.00, tr. pkt. \$1.75, 1/128oz. \$3.50, ¼oz. \$6.50, ½oz. \$11.70, 1/16oz. \$20.00**

**F<sub>1</sub> Hybrid, Small-Flowered Singles or Multifloras, continued**

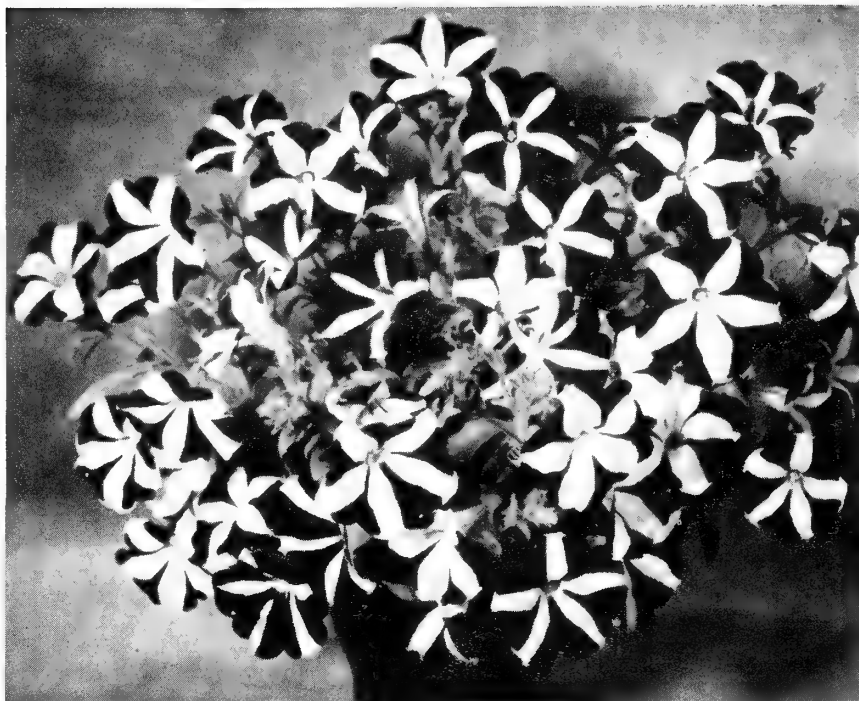
**Blue Star.** (New.) Violet-blue with pure white star. A new color combination in Multifloras, same color as the well-known Minstrel Petunia. Extremely dwarf and compact, yet vigorous habit. Excellent for urns, porch boxes, hanging baskets, etc. Should be on every grower's list. Companion plant to the popular scarlet and white Glitters.

**Snow Ball.** Extra dwarf, early, pure white, 1 $\frac{1}{4}$ -in. flowers completely cover this plant at all times. Globe-shaped, compact plants. Very desirable for flat sales and bedding.

**Either of above,  $\frac{1}{2}$  tr. pkt. \$1.00, tr. pkt. \$1.65, 1/128 oz. \$3.00,  $\frac{1}{64}$  oz. \$5.50,  $\frac{1}{32}$  oz. \$10.00,  $\frac{1}{16}$  oz. \$18.00**

**Star Flight.** Deep velvety crimson, uniformly starred with contrasting pure white. Profuse bloomer of upright, yet dwarf habit. Tr. pkt. \$1.25, 1/128oz. \$2.20,  $\frac{1}{64}$ oz. \$3.60,  $\frac{1}{32}$ oz. \$6.00,  $\frac{1}{16}$ oz. \$10.00.

**Glitters.** All-America Winner for 1957. New unique bicolored Petunia in dwarf compact form. Brilliant scarlet and white blooms profusely cover plants from start until frost.  $\frac{1}{2}$  tr. pkt. \$1.25, tr. pkt. \$2.50, 1/128oz. \$4.10,  $\frac{1}{64}$ oz. \$7.45,  $\frac{1}{32}$ oz. \$14.00,  $\frac{1}{16}$ oz. \$26.50,  $\frac{1}{8}$ oz. \$47.50.



PETUNIA, Blue Star

**CALIFORNIA GIANTS.** (5 to 7 in. in diameter.)

**Paramount Giants.** Free-flowering mixture of all shades. Well suited to outdoors; showy even under adverse conditions. Tr. pkt. \$1.35,  $\frac{1}{64}$ oz. \$2.75,  $\frac{1}{32}$ oz. \$4.75,  $\frac{1}{16}$ oz. \$8.50,  $\frac{1}{8}$ oz. \$15.00,  $\frac{1}{4}$ oz. \$28.00.

**DWARF CALIFORNIA GIANTS IMPROVED.** (5 to 7 in.) 160,500 S; 65° to 70° F.; 1 to 2 weeks; late Dec. to Mar. 1

**Dwarf Giants of California, Extra-Dwarf Giants.** Our best mixture, this new strain has been bred to fill the need for a truly dwarf pot Petunia. Flowers have well-marked open throats and are beautifully ruffled and fringed.  $\frac{1}{2}$  tr. pkt. \$1.00, tr. pkt. \$1.75,  $\frac{1}{64}$ oz. \$3.00,  $\frac{1}{32}$ oz. \$5.50.

**German's Special Dwarf Giants of California.** Uniformly dwarf, not grown as a mixture but blended from separate plant selections. The color range includes new shades of pink, salmon, rose and copper. Tr. pkt. \$1.75,  $\frac{1}{64}$ oz. \$2.75,  $\frac{1}{32}$ oz. \$5.00,  $\frac{1}{16}$ oz. \$9.50.

**Ramona Strain, Light Shades.** Sturdy plants especially bred for pot culture. Light shades predominate. Tr. pkt. \$1.75,  $\frac{1}{64}$ oz. \$2.75,  $\frac{1}{32}$ oz. \$5.00,  $\frac{1}{16}$ oz. \$9.50.

**LARGE SINGLE FRINGED.** Flowers 3 to 4 in. in diameter. 232,000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 15

**Fringed Snowstorm.** Well-fringed, pure white flowers with golden throat, freely produced. Tr. pkt. \$1.00,  $\frac{1}{64}$ oz. \$1.90.

**Super Fluffy Ruffles.** Mixed colors, so intensely fringed and ruffled that the blooms resemble a double Petunia. Tr. pkt. \$1.00,  $\frac{1}{64}$ oz. \$1.90,  $\frac{1}{32}$ oz. \$3.40.

**White Mound.** Plant forms a perfect mound of fringed, large blooms. Introduced recently and well liked by all who have grown it.  $\frac{1}{64}$ oz. \$1.75,  $\frac{1}{32}$ oz. \$3.00.

**Carnival.**® An inexpensive mixture of large, ruffled and fringed flowers. Contains all colors. Tr. pkt. \$1.00,  $\frac{1}{64}$ oz. \$2.00,  $\frac{1}{32}$ oz. \$3.75.

® Registered trade mark of Bodger Seeds, Ltd.

**LARGE-FLOWERED DWARF FRINGED (Erfurt Types)**

**Carmencita.** Deep scarlet-salmon, an entirely new color that is a "knockout," nearly a true scarlet-orange. A dwarf Erfurt. Tr. pkt. \$1.50, 1/128 oz. \$2.00,  $\frac{1}{64}$ oz. \$3.50.

**Lace Veil.** 8 in. Large, pure white, fringed flowers.  $\frac{1}{64}$ oz. \$1.50,  $\frac{1}{32}$ oz. \$2.75.

**Setting Sun.** 8 in. Brilliant rose-pink, the most popular of its color.  $\frac{1}{64}$ oz. \$1.50,  $\frac{1}{32}$ oz. \$2.75.

**LARGE SINGLE PLAIN EDGED.** Flowers 3 to 4 in. in diameter.

**Dazzler.** Deep carmine-rose; excellent dwarf bedding or pot plant. Tr. pkt. \$1.00,  $\frac{1}{64}$ oz. \$2.25.

**Dwarf Elk's Pride.** Velvety violet, a reselected strain. Tr. pkt. \$1.00,  $\frac{1}{64}$ oz. \$1.90,  $\frac{1}{32}$ oz. \$3.40,  $\frac{1}{16}$ oz. \$5.75.

**Popcorn.** A really dwarf strain of the old favorite Snowstorm. A wonderful plant for pots or bedding. Tr. pkt. \$1.50,  $\frac{1}{64}$ oz. \$2.75,  $\frac{1}{32}$ oz. \$5.00,  $\frac{1}{16}$ oz. \$9.50,  $\frac{1}{8}$ oz. \$18.00.

**Royalty.** Rich purple with white stars and blotches. Tr. pkt. 85c,  $\frac{1}{64}$ oz. \$1.90,  $\frac{1}{32}$ oz. \$3.40,  $\frac{1}{16}$ oz. \$5.75.

**Snowstorm Improved.** Best large-flowered, single pure white. Dwarf, compact habit of growth.  $\frac{1}{64}$ oz. \$1.90,  $\frac{1}{32}$ oz. \$3.40,  $\frac{1}{16}$ oz. \$5.75.

**White Cloud.** Pure white. Dwarf, compact habit; free flowering.  $\frac{1}{64}$ oz. \$1.90,  $\frac{1}{32}$ oz. \$3.40,  $\frac{1}{16}$ oz. \$5.75.

**White Queen.** Extra large, wavy, pure white flowers.  $\frac{1}{64}$ oz. \$1.90,  $\frac{1}{32}$ oz. \$3.40,  $\frac{1}{16}$ oz. \$5.75.

**RUFFLED NANA COMPACTA**

65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 1

**Little Giants Mixed.** Plants are covered with a mass of blooms 4 in. and more in diameter. The mixture has an excellent color range. It has the pancake style of growth of Martha Washington. For potting and bedding it just can't be beaten.  $\frac{1}{64}$ oz. \$1.50,  $\frac{1}{32}$ oz. \$2.75,  $\frac{1}{16}$ oz. \$5.00.

## PETUNIAS, continued

### GRANDIFLORA NANA COMPACTA

314,000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 15

**King Henry.** Velvety red. Very compact. Produces 2½-in. blooms on 8-in. plants.

**Velvet Ball.** Deep mahogany-red. Excellent for potting or bedding.

Either of above, tr. pkt. 75c, ½oz. \$1.35, ¼oz. \$2.50

### DWARF SINGLE HYBRIDA

285,000 S; 65° to 70° F.; 1 to 2 weeks; Feb. 1 to Apr. 1

**Colorama.** (New.) Your dissatisfaction with the best blends of regular Nana Compacta type Petunias, with their uneven plant habit, has been completely eliminated with this variety. Colorama is not grown as a mixture. The F<sub>1</sub>'s used in making this mixture are planted and harvested as separate colors and then superbly blended. Pure whites, salmons, scarlets, fiery reds, light to dark pinks, white, bicolor, crimson, blue and purple and many starred varieties make up this well-balanced blend. Tr. pkt. \$1.00, ½oz. \$1.75, ¼oz. \$3.00, 1/8oz. \$5.35.

**Admiral Improved.** Best blue Petunia available. Very compact in growth. ½oz. \$1.65, ¼oz. \$2.90, 1/8oz. \$5.25.

**Celestial Rose Improved.** This is the most uniform and compact strain available. Deeper rose coloring and slightly larger flowers than the original. Tr. pkt. 50c, ½oz. \$1.10, ¼oz. \$2.00, oz. \$6.50. (Caution: This strain, due to its close inbreeding, is of weaker germination than the one listed below.)

**Celestial Rose.** Excellent strain, free flowering and uniform. The finest all-purpose bright pink. Tr. pkt. 35c, ½oz. 90c, ¼oz. \$1.30, oz. \$4.50.

**Dwarf Rose of Heaven.** This is an *extra-select stock*, very compact and true to type. Brilliant rose-pink. Tr. pkt. 50c, ½oz. \$1.00, ¼oz. \$1.75, oz. \$6.00.

**Fire Chief.** All-America Gold Medal Winner for 1950. Brilliant scarlet-red. Tr. pkt. 50c, ½oz. \$1.65, ¼oz. \$2.90, 1/8oz. \$5.00.

**Glow.** Rich dazzling carmine-rose. One of the most popular. Plants dwarf. Tr. pkt. 50c, ½oz. \$1.25, ¼oz. \$2.00, 1/8oz. \$3.75.

**Lipstick.** Unfading carmine-rose. Plants are a mass of flowers until frost. An outstanding variety in our trial grounds. Tr. pkt. 50c, ½oz. \$1.65, ¼oz. \$2.90.

**Rosy Morn Select.** Pink with white throat. Tr. pkt. 50c, ¼oz. \$1.50, ½oz. \$2.50.

**Sky Chief.** Definitely improves all other pale blues. Dwarf, compact habit. Plants well covered with good-sized, pale blue flowers. 1 ft. high. Tr. pkt. 50c, ½oz. \$1.65, ¼oz. \$3.00.

**Snowball Improved.** Finest dwarf white. A more compact strain with well-rounded, pure white flowers in profusion. Tr. pkt. 50c, ¼oz. \$1.80, oz. \$5.40.

**Twinkles.** Rose with pure white star. Tr. pkt. 50c, ½oz. \$1.00, ¼oz. \$1.75.

**Special Dwarf Mixture.** Our own mixture, with a well-balanced range of colors. It can claim the widest color range of any Petunia mixture. Mixed from the leading varieties of this class. Tr. pkt. 35c, ½oz. \$1.00, ¼oz. \$1.75, oz. \$6.00.

**Balcony Mixed.** Mixture of the best colors. Tr. pkt. 40c, ½oz. 80c, ¼oz. \$1.50.

*We recommend Colorama*



PHLOX, Twinkles

## PHLOX

17,500 S; 65° to 70° F.; 2 to 3 weeks; Jan. to Mar. 1

**Twinkles.** All-America Winner for 1957. 6-in. plants completely covered with a twinkling mass of dainty, star-shaped flowers. A delightful bedding and combination subject, with an attractive color array. Should be on every grower's list.

**Ideal Bedding Mixed.** (New.) A new dwarf florists' strain, uniform in habit, with a most striking array of unusually gay, bright colors.

**Globe Phlox Mixed.** Forms well-rounded plants only 4 to 6 in. high, fully base branching and of the most dwarf and uniform habit. Plants bloom all summer and do not die out like the common annual Phlox.

Any of above, tr. pkt. 40c, ½oz. \$1.25, ¼oz. \$2.10, oz. \$6.00

**Drummondii Nana Compacta.** Plants grow about 8 in. high and bloom freely. Fine for boxes and bedding.

**Blue Beauty**

**Fireball.** Scarlet.

**Pink Beauty**

**Violet Beauty**

**Special Florists' Mixture.** Mixed from eight separate colors.

Any of above, tr. pkt. 50c, ¼oz. \$1.50, ½oz. \$2.35, oz. \$4.50

## PORTULACA

307,000 S; 65° to 70° F.; 2 to 3 weeks; Feb. through Mar.

**German's All Double Mixed.** 100% double; large flowered. A fine color range of many new shades. So uniformly double that it produces only half as much seed as most double strains. Tr. pkt. 50c, ¼oz. \$2.00, oz. \$6.50.

**Dwarf Double Mixed.** Excellent range of colors and a high percentage of doubles. Tr. pkt. 35c, ¼oz. \$1.15, oz. \$3.50.

## PRIMULA

360,000 S; 65° to 70° F.; 2 to 3 weeks; early May until Oct.

### MALACOIDES

Sow seed from early May until October for spring-blooming plants of various sizes. Primula seeds will not tolerate fertilized soil in seed flats or during early stages of growth.

### Large-flowered

**Extra Choice Mixture.** A choice mixture of many excellent colors. Tr. pkt. \$1.00, ¼oz. \$2.50, ½oz. \$4.50.

## PRIMULA, continued

### CHINENSIS FIMBRIATA

18,000 S; 65° to 70° F.; 3 to 4 weeks; Jan. to June

A large-flowered, dwarf, and non-poisonous Primrose. Very popular wherever grown. Sow March through May for plants from Christmas on.

**Olympia Hybrids.** (New.) Rich mixture of best colors. Enormous umbels of giant, substantial flowers. Tr. pkt. \$1.00, 1/4oz. \$2.00.

### OBCONICA

120,000 S; 65° to 75° F.; 3 to 4 weeks; Jan. through Mar.

**Bagatelle.** (New.) Beautiful salmon-rose.

**Perle de Paris.** (New.) Carmine-rose.

**Fasbender's Red.** Extra-large, deep crimson-red flowers.

**Rouge de Paris.** Large carmine-red.

**Trianon.** (New.) Glistening pure white.

**Finest Mixed.** Complete mixture of the best colors.

Any of above, tr. pkt. \$1.25, 1/4oz. \$2.35

## RICINUS (Castor Beans)

**Cambodgensis.** (60 S per oz.) Darkest maroon leaves. Stalks nearly black. 4 ft. Oz. 40c, 1/4lb. \$1.35.

**Zanzibarensis Mixed.** (30 S per oz.) Giant leaves; green foliage. Oz. 30c, 1/4lb. \$1.00.

**Mixed Colors and Varieties.** (60 S per oz.) Oz. 30c, 1/4lb. \$1.00.

## RUDBECKIA (Coneflower)

85,000 S; 65° to 75° F.; 2 to 3 weeks; Apr.

**Gloriosa Daisy.** 3 ft. tall. Sensational giant single flowers up to 7 in. across. Bright yellow, mahogany and bicolors of orange, gold and mahogany. 1/2oz. 75c, 1/4oz. \$1.35, oz. \$4.00.

## SALPIGLOSSIS

105,200 S; 65° to 70° F.; 2 weeks; late Mar.

**Emperor Mixed.** Valuable for summer cutting, also spring flowering under glass. Tr. pkt. 25c, 1/4oz. 60c, oz. \$1.80.

## SCABIOSA

4090 S; 65° to 70° F.; 2 to 3 weeks

**Blue Moon.** Very large, fully double, lavender-blue flowers.

**Bridesmaid.** Salmon-pink shades.

Either of above, tr. pkt. 25c, 1/4oz. 70c, oz. \$2.25

**Giant Hybrid Mixture.** Special strain containing the new large-flowered varieties only. Tr. pkt. 25c, 1/4oz. 65c, oz. \$2.00.

## SCHIZANTHUS

43,000 S; 65° to 70° F.; 1 to 2 weeks

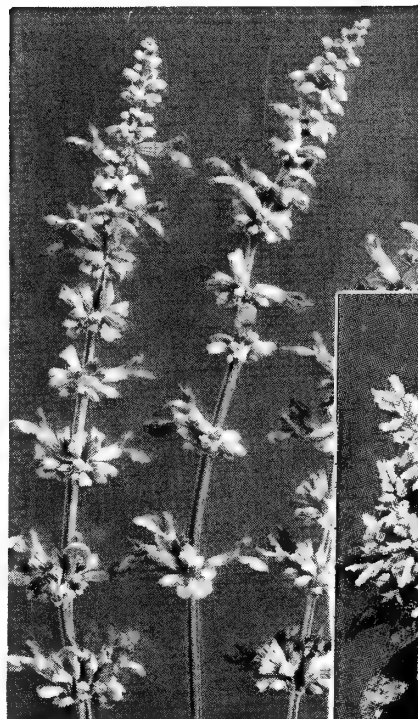
**Grandiflora (Angel Wings).** (New.) Improvement over Dr. Badger's Angel Wings. More compact, conical plants of uniform dwarf character. Blooms have a distinct gold center contrasting with brighter and deeper colors than the old strain. Tr. pkt. \$1.00, 1/2oz. \$2.40, 1/4oz. \$4.50.

**Ball Dwarf Mixture.** Dwarf strain. Medium-sized flowers on compact heads. Excellent pot plant. Tr. pkt. 60c, 1/2oz. \$1.80.

**Blackmore & Langdon Strain.** Dark and light shades, blotched. 18 in. Tr. pkt. 50c, 1/4oz. \$2.25.

**Excelsior compactus, Finest Mixed.** Compact, pyramidal, free flowering. 6 in. Excellent for pot use. Popular. Tr. pkt. 60c, 1/4oz. \$2.25.

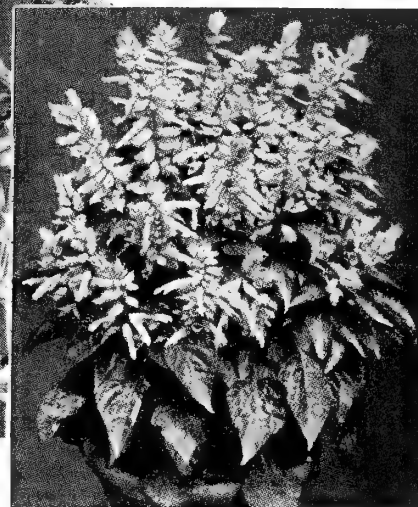
**SNAPDRAGON.** See Antirrhinum, pages 3, 4, 5 and 6.



SALVIA, Blaze of Fire



SALVIA FARINACEA,  
Royal Blue



## SALVIA (Scarlet Sage)

7500 S; 70° to 75° F. (should have bottom heat); 2 to 3 weeks; Feb. 10 to Apr. 1

**America (Globe of Fire).** Brilliant scarlet. 18 in. Tr. pkt. 60c, 1/4oz. \$1.50, oz. \$5.00, 1/4lb. \$17.00.

**Blaze of Fire.** The earliest of all Salvias. Orange-scarlet. Dwarf. 15 in. Tr. pkt. 85c, 1/4oz. \$2.25, 1/2oz. \$3.85, oz. \$7.00, 1/4lb. \$24.00.

**Bonfire (Clara Bedman).** Bright scarlet-red. Erect habit; free bloom. 26 to 30 in. Tr. pkt. 60c, 1/4oz. \$1.50, oz. \$5.00, 1/4lb. \$17.00.

**Fireworks.** (New.) We predict this variety will replace St. John's Fire as soon as it becomes better known. It is the same color and blooms more uniformly early. More compact and darker leaved, it holds its color until frost and the plants make a better show. Tr. pkt. 85c, 1/2oz. \$1.75, 1/4oz. \$3.00, 1/2oz. \$5.50, oz. \$10.00.

**Scarlet Pygmy, Extra Dwarf (Fireball or Scarlet Piccolo).** A very compact and well-branched variety flowering slightly earlier than St. John's Fire, but about 4 in. shorter. Recommended for early pot and flat sales. Tr. pkt. \$1.25, 1/2oz. \$2.20, 1/4oz. \$4.00, oz. \$12.00.

**Splendens.** Latest and tallest. 36 in. Tr. pkt. 50c, 1/4oz. \$1.25, 1/2oz. \$2.25, oz. \$4.00, 1/4lb. \$14.00.

**St. John's Fire.** Very early. Bright scarlet. 10 to 12 in. Tr. pkt. 85c, 1/2oz. \$1.55, 1/4oz. \$2.75, 1/2oz. \$4.75, oz. \$8.50, 1/4lb. \$30.00.

### FARINACEA

22,000 S; 70° to 75° F.; 2 to 3 weeks; Feb. and Mar.

**Royal Blue.** Deep blue flowers. The best blue Salvia. Tr. pkt. 50c, 1/4oz. \$1.45, oz. \$5.00.

### HORMINUM

**Pink Sundae.** (Novelty.) Brilliant rose-pink leaves crown the plant. At first glance they look like flowers. The real flowers are tiny pink blooms close to the stems and hardly noticeable. This novelty brought exclamations at our trials and those at Penn State. Grows 20 to 22 in. high. May be used for cutting. Tr. pkt. 30c, 1/4oz. 90c, oz. \$2.70.

## SOLANUM

### CHRISTMAS CHERRY

12,000 S; 65° to 75° F.; 3 to 4 weeks

**Capsicastrum Patersoni.** Dwarf, spreading, compact habit. Red, cherry-shaped fruits and dark green foliage. 8 to 10 in.

**Clevelandi.** Cleveland-cherry-red.

Either of above, tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00

### CHRISTMAS PEPPER

9000 S; 65° to 75° F.; 3 to 4 weeks

**Craigii.** Dwarf ornamental Pepper, green at first, then white and purplish and finally red.

**Red Boy.** (New.) Most dwarf variety available. Its small, bright red fruits show color much earlier than others.

Either of above, tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.00

## STATICE

245 heads; 65° to 70° F.; 2 to 3 weeks

### SINUATA

**Bonduelli superba.** Similar to Sinuata, but with large yellow flowers.

**Heavenly Blue.** (New.) Bright sky-blue.

**Market Rose.** Fine new color, deeper and warmer than Rosea superba.

**Rosea superba.** Rosy lavender.

**Snow White.** Greatly improved white.

**True Blue.** Extra deep blue.

**Choice Mixed.** Mixture of best varieties.

Any of above, tr. pkt. 25c, oz. 75c, 1/4lb. \$2.50, lb. \$7.25

### SUWOROWII (Rat-tail Statice).

12,000 S; 65° to 70° F.; 2 to 3 weeks

Long, graceful, rose-pink flowers. Sown outdoors early, will bloom in July. Tr. pkt. 25c, 1/4oz. 45c, oz. \$1.50.

## STOCKS

18,700 S; 65° to 70° F.; 2 weeks

Our sales of Stock seed have been increasing rapidly in the last several years because of the growing popularity of this flower and the wonderful results our customers are obtaining from our highly bred strains. There are numerous strains on the market, but we have found ours to be equal to and in many cases superior to any other strain offered. Listed below are the varieties we have found to be the most popular. Proper spacing is 3 by 6 in.

### NON-BRANCHING OR COLUMN

Approximate sowing dates:

July 15 to Aug. 1—bloom about mid-Jan.

Sept. 1—bloom about mid-Mar.

Oct. 1—bloom about early Apr.

Dec. 15—bloom about May 15.

Feb. 15 (latest date)—bloom about early June.

### NEW TRYSONIC COLUMN

This is the first color to be offered in this high double-column Stock. Our trials have repeatedly shown a double average of 85%. **The most vigorous seedlings in Trysonic Stocks are the singles.** In other respects it is identical to current normal double strains. To assure the highest percentage of doubles, do not attempt to select seedlings.

**TRYSONIC PACIFIC PINK.** 1/2tr. pkt. \$1.00, tr. pkt. \$1.75, 1/8oz. \$2.90, 1/4oz. \$5.00.

### STOCKS, continued

**Apricot.** Ivory-apricot.

**Avalanche.** Earliest white. Spike is especially long and massive, with very double, closely set florets. Pure white.

**Crimson Giant.** Distinct new color, an alive and attractive bright crimson-red.

**Deep Apricot.** An improved deeper apricot.

**Lilac-Lavender.** Fine color for Memorial Day.

**Pacific Pink.** Clear, warm, luminous pink with no lavender tints. A true pink Tr. pkt. \$1.25.

**Pacific Yellow.** (New.) Earlier than Yellow Wonder, deeper in color. This is the long-needed bright canary-yellow Stock.

**Pink No. 22.** Bright silvery rose; heavy spike and extra-long stems.

**Royal Purple.** Dark purple.

**White Goddess.** (New.) The earliest, whitest white you ever saw. Excellent shipper, the answer to the confusing number of White Column Stocks now offered.

**White No. 16.** Tall; pure white.

**Yellow Wonder.** Deep creamy yellow.

**Formula Mixture.** Our own mixture.

Any of above, except where noted, tr. pkt. (approx. 1200 seeds) \$1.15, 1/4oz. \$2.75, 1/2oz. \$5.25, oz. \$10.00



STOCKS, Cascade Type

**Cascade Type.®** (New.) Very early Column type, perfect for bedding plant growers because they will bloom in flats and very early in the home garden, thus enabling Stocks to be grown in sections where they have never been used. Tall, beautiful spire and blooms in about 8 weeks. Actually they are outdoor type, but greenhouse trials last winter demonstrated that they do very nicely as a forcing variety and come into bloom 4 to 5 weeks ahead of existing Column types.

**Cascade Blue**

**Cascade Light Pink**

**Cascade Lavender**

**Cascade Red**

**Cascade White.** Pure white.

**Cascade Rose-Pink**

**Cascade Yellow**

**Cascade Mixed**

Any of above, tr. pkt. 75c, 1/4oz. \$2.50, 1/2oz. \$4.50, oz. \$8.50

®Registered trade mark of Denholm Seed Co.

## STOCKS, continued

### BEDDING STOCKS

**Trysomic Seven-Weeks Mixed.** Branching garden variety. Choice colors; earliest blooming Stock offered. 80 to 85% double count.  $\frac{1}{2}$ tr. pkt. \$1.00, tr. pkt. \$1.75,  $\frac{1}{8}$ oz. \$2.90,  $\frac{1}{4}$ oz. \$5.00.

**Dwarf Ten-Weeks All-Double Select, Mixed.** A complete color mixture. By saving only the light-leaved seedlings, you can supply your customers with nearly 100% double flowers. Tr. pkt. (1000 seeds) \$1.15,  $\frac{1}{4}$ oz. \$2.75,  $\frac{1}{2}$ oz. \$5.25, oz. \$10.00.

**Beauty of Nice.** Early, free-flowering type of branching habit. Recommended for plant sales in the spring to the home gardener.

**Mixed Colors.** Tr. pkt. 30c,  $\frac{1}{4}$ oz. 75c, oz. \$2.50.

### Dwarf Ten-Weeks

**Blood-Red**

**Formula Mixture**

Either of above, tr. pkt. 30c,  $\frac{1}{4}$ oz. \$1.00, oz. \$3.00



SWEET WILLIAM, Wee Willie  
(Planted as edging plant with Ageratum, Blue Mink)

### SWEET WILLIAM, Annual

31,000 S; 65° to 70° F.; Mar. 20 on

**Wee Willie.** A new annual, this single-flowering type blooms in 6 to 8 weeks, starts to bloom at a height of 2 in., eventually reaching 6 in. Compact plants, 4 in. in diameter. Ideal for bedding plant or flat sales. Drop three seeds per hole in seed flat or per  $2\frac{1}{4}$ -in. pot to make best-appearing plants. Tr. pkt. 60c,  $\frac{1}{8}$ oz. \$1.00,  $\frac{1}{4}$ oz. \$1.80, oz. \$5.40.

### THUNBERGIA (Black-eyed Susan)

1260 S; 65° to 70° F.; 2 to 3 weeks

**Alata.** Attractive climber for urns and window-boxes. Tr. pkt. 35c,  $\frac{1}{4}$ oz. 60c, oz. \$1.80.

**SALVIA:** This item has reached a high point in popularity the past few seasons. Blaze of Fire is the leading variety, growing 15 in. to 18 in. high and blooming all summer until frost.

## SWEET PEAS

340 S; 65° to 70° F.; 2 weeks

### EARLY MULTI-FLOWERED

Extra-long stems, each bearing four to six flowers.

**Multi-flowered Cranberry-Red.** Christmas-red.

**Multi-flowered Deep Rose.** Very productive.

**Multi-flowered Elk's Purple.**

**Multi-flowered Flag Blue.** Mid-blue; excellent stems.

**Multi-flowered Geo. J. Ball.** Lovely deep salmon. One of the best varieties.

**Multi-flowered Lavender.** Extra large.

**Multi-flowered Orange-Cerise.** Gigantic, glittering orange-cerise flowers.

**Multi-flowered Rose.** Clear rose-pink.

**Multi-flowered Whirlwind.** A shade lighter than Rose.

**Multi-flowered White.** As many as seven or eight blooms per stem.

**Mixed Colors.** A blend of the best varieties.

Any of above,  $\frac{1}{2}$ oz. \$1.10, oz. \$2.00,  $\frac{1}{4}$ lb. \$6.65

**New Floribundas or Spring-Flowering Multifloras.** A new race of spring-flowering Sweet Peas. This new strain is becoming more popular every year.

**Astrid.** Light lavender.

**Daisy.** White. B. S.

**Evelyn.** Deep salmon-pink.

**Flora.** Rose-carmine.

**Joy.** Deep salmon-pink.

**Robert.** Mid-blue.

**Rose Dawn.** Rose with cream base.

**Ruth.** Deep rose-pink.

**Warrior.** Scarlet-cerise.

**Mixed Colors.** Mixture of all shades.

Any of above,  $\frac{1}{2}$ oz. 85c, oz. \$1.50,  $\frac{1}{4}$ lb. \$5.00



TORENIA Fournieri

### TORENIA Fournieri

375,000 S; 65° to 75° F.; 2 weeks; Feb. 1 on

**Compacta, Blue.** Deep blue flowers with violet blotches on lip. Nice for spring pot plants for combination work or bedding.

**Compacta, White.** Nice white.

Either of above, tr. pkt. 40c,  $\frac{1}{8}$ oz. \$1.25,  $\frac{1}{4}$ oz. \$2.25

H. G. GERMAN, 103 Bank Street, Smethport, Penna.

## VERBENA

12,250 S; 65° to 75° F.; 3 to 4 weeks; Jan. to Mar. 15

Following is a good selection of colors for all of our florist customers. Sow early with bottom heat.

**Beauty of Oxford Hybrids.** Rose-red to clear rose-pink.

**Brightness.** (New.) Flaming cerise-scarlet with white eye.

**Lavender Glory.** Fragrant, true lavender.

**Luminosa.** Pink shaded to salmon.

**Royale.** Rich deep blue with white eye.

**Salmon King.** (New.) Deep salmon.

**Vivid.** (New.) Bright sunproof scarlet.

**White.** Pure white.

**Mixed.** Contains all the above colors.

Any of above, tr. pkt. 45c, 1/4oz. \$1.25, oz. \$3.75



VERBENA, Calypso (Candy Striped)

**Calypso (Candy Striped).**® Newest novelty. Until today these gaily striped varieties have been available from cuttings only, but we are now introducing our own origination of mixed colors with contrasting stripes and blotches. 80% or more have this striped effect. Healthy, bushy plants growing 1 ft. high. Color combinations include pink and rose, rose and white, red and white, lavender and crimson, purple and white, and some solid colors. Unusually bright colors predominate. This mixture caused much comment in our trial garden. Tr. pkt. 75c, 1/4oz. \$1.85, 1/2oz. \$3.30, oz. \$6.00.

®Registered trade mark of H. G. German, Seeds.

### HYBRIDA COMPACTA

**German's Exhibition Mixture.** This strain is very dwarf and about two weeks earlier than other strains. Plants are upright and are excellent for combination work or borders. To maintain the extra dwarfness and complete color range of this strain, we must produce this item ourselves. Tr. pkt. 60c, 1/4oz. \$1.75, 1/2oz. \$3.20, oz. \$6.00.

**Crystal.** (New.) Pure white. Same habit as Sparkle.

**Delight.** Lovely coral-pink.

**Sparkle.** (New.) The most compact and brightest red Verbena. Has a bright creamy eye. Plants produce a continuous mass of bloom all summer.

Any of above, tr. pkt. 60c, 1/4oz. \$1.50, oz. \$4.50

**Ideal Florists' Strain.** A special development for pot and flat culture. Beautiful color combinations of the eyed kinds. Very dwarf, spreading habit. Tr. pkt 75c, 1/4oz \$1.85, 1/2oz \$3.30, oz \$6.10.

## VINCA rosea

21,000 S; 65° to 70° F.; 2 to 3 weeks; Nov. through Dec.

Sow seed early (October or November). Splendid for bedding and combinations. Blooms all summer until frost; does well any place.

**Coquette (Little Pinkie).** (New.) A dwarf type Vinca, growing only 10 in. tall. Its tolerance to heat and drought makes Vinca an ideal bedding and combination plant. Glossy, deep green leaves on plants covered with attractive, rosy pink blooms. Tr. pkt. 45c, 1/4oz. \$1.35, oz. \$4.50.

**Alba.** White.

**Crimson.** Dark rose-pink.

**Twinkles.** Soft pink.

**White with Pink Eye**

**Mixed Colors**

Any of above, tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00

## ZINNIAS

### NEW HYBRIDS—GIANT CACTUS-FLOWERED

3120 S; 70° to 80° F.; 1 to 2 weeks (6 weeks from sowing to selling date)

**Treasure Island.** (New.) Here's a real treasure for your best customers—a new mixture of the popular Cactus-Type Zinnias. Brilliant reds, rich yellows, bright orange, rose, salmon and pink shades, with flowers 6 to 7 in. in diameter. The entire range is spectacular and pleasing. Tr. pkt. 40c, 1/4oz. 75c, 1/2oz. \$1.35, oz. \$2.50.

**Floradale Scarlet.** Scarlet-red. Petals beautifully ruffled and curled, resembling a giant chrysanthemum.

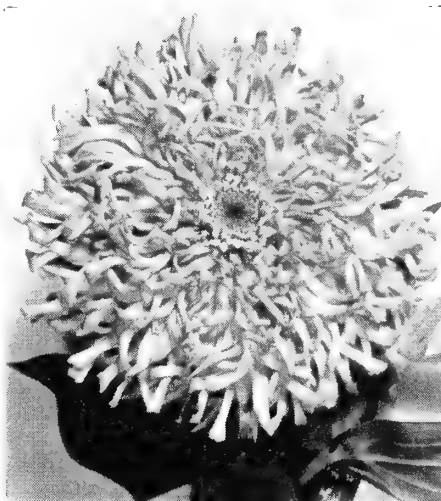
**Ice Cream.** (New.) The first giant pure cream Zinnia. Fully formed, cactus-type blooms up to 5 in. and more in diameter. This color will be highly prized, for it combines with and has a tendency to harmonize all other garden colors.

**Plus-X-Cactus.** (New.) Genuine F<sub>3</sub> Hybrid mixture. Hybrid vigor, size and blooming profusion drew many favorable comments in our trials. A wealth of new colors, shades and bicolor effects plus all other Zinnia shades.

**Riverside Beauty.** Azalea-pink. Petals curled and twisted.

**New Hybrids Mixed.** A widely varied mixture of the cactus or chrysanthemum-flowered type. Contains the usual colors plus many new and delicate shades. As predicted, this type Zinnia will rapidly increase in demand.

Any of above, tr. pkt. 50c, 1/4oz. 75c, 1/2oz. \$1.40, oz. \$2.50, 1/4lb. \$7.50



### BLAZE

Very large; scarlet-orange. Long stemmed and free flowering. Tr. pkt. 50c, 1/4oz. \$1.00, oz. \$3.00.



ZINNIA, Ortho Polka

**Ortho Polka.** Colors similar to Peppermint Stick but Ortho Polka has plenty of size and vigor. Plants grow about 3 ft. tall, flowers over 4 in. across. Tr. pkt. 35c, ¼oz. 75c; oz. \$2.25; ¼lb. \$7.00.

**GIANT DAHLIA-FLOWERED AND CALIFORNIA GIANTS.** 2960 S. 2½ to 3 ft. The best large-flowered Zinnias.

**Pink Lady.** Pink center with cream outer petals. Tr. pkt. 85c, ¼oz. \$2.50, oz. \$7.50.

**Canary Bird.** Rich canary-yellow.  
**Cherry-Rose.** Brilliant cherry-rose.  
**Crimson Monarch.** Deep crimson; very large.  
**Dream.** Deep rosy lavender.  
**Exquisite.** Light rose with deep rose center.  
**Golden State.** A rich orange-yellow.  
**Illumination.** Deep rose self.  
**Luminosa.** Bright deep pink.  
**Miss Willmott.** Rich pink.  
**Orange King.** Orange-scarlet.  
**Purity.** Best giant white.  
**Purple Prince.** Deep purple.  
**Salmon Queen.** Beautiful salmon-rose.  
**Will Rogers.** Lovely brilliant deep scarlet.  
**Gold Medal Finest Mixed**

**Any of above, except as noted, tr. pkt. 30c, ¼oz. 50c, ½oz. 85c, oz. \$1.50, ¼lb. \$5.00, lb. \$15.00**

**Miss Universe.** A great new Zinnia. Extra early, largest sized flowers ever seen. Deep, full flowers in a complete range of colors. Bushier, more compact plants with long stems branching near the base. Ideal for cut flowers and bedding. An improved Super Giant type. Tr. pkt. 35c, ¼oz. \$1.25, ½oz. \$2.10, oz. \$3.75, ¼lb. \$12.50.



ZINNIA, Persian Carpet

**ELEGANS PUMILA, DWARF DOUBLE (Cut-and-Come-Again)**

<b>Canary-Yellow.</b> Bright yellow.	<b>Salmon-Rose</b>
<b>Golden Orange</b>	<b>Scarlet</b>
<b>Pinkie.</b> Rose-pink.	<b>Snowball.</b> White.
	<b>Mixture</b>

**Any of above, tr. pkt. 30c, ¼oz. 50c, oz. \$1.50, ¼lb. \$5.00**

**Peppermint Stick.** Novelty striped flowers. Early. Tr. pkt. 35c, ¼oz. 70c, oz. \$2.25, ¼lb. \$7.00.

**LILLIPUT or POMPON.** 4800 S. 1½ to 2 ft.

<b>Canary Gem.</b> Canary-yellow.	<b>Salmon Gem.</b> Salmon-rose.
<b>Golden Gem.</b> Golden orange.	<b>Scarlet Gem.</b> Rich scarlet.
<b>Pink Gem.</b> Deep pink.	<b>White Gem.</b> Pure white.
<b>Rosebud.</b> Rose-pink.	<b>Formula Mixed</b>

**Any of above, tr. pkt. 30c, ¼oz. 50c, ½oz. 80c, oz. \$1.50, ¼lb. \$5.00**

#### OTHER VARIETIES OF ZINNIAS

**Cupid Mixture.** Dwarf plants producing many small double flowers 1 in. in diameter. All colors in nicely balanced mixture. Tr. pkt. 50c, ¼oz. \$1.50.

**Persian Carpet.** Charming, variegated small flowers. Excellent for bedding; attractive. Tr. pkt. 50c, ¼oz. \$1.50, oz. \$4.50.

**Red Riding Hood (Gracillima).** Small, double, bright red flowers on compact plants. 1 ft. high. Tr. pkt. 50c, ¼oz. \$1.50.

**Tom Thumb Mixture.** Small, double flowers on compact plants. Tr. pkt. 50c, ¼oz. \$1.50.

**Creeping Zinnia (*Sanvitalia procumbens*).** 50,000 S. Fine dwarf edging plant with small, double, yellow flowers with brown eyes. 4 to 7 in. Tr. pkt. 35c, ¼oz. 65c.

**Merry-Go-Round.** A completely new class of Zinnia. The most distinct novelty in years. All leading plant growers will have this, one of the most entirely different flowers introduced within the past 25 years. 1½ ft. high, with 4-in. blooms with petals frequently arranged in a spiral manner, so as to give an actual impression of turning motion. Many flowers are of such heavy substance that they feel as if made of glass; they keep better as cut flowers than other large-petaled varieties. Ideal for bedding. (*Originator's description.*) Tr. pkt. 75c, ½oz. \$1.25, ¼oz. \$2.00, oz. \$6.00.

# Seeds of Biennials and Hardy Perennials



AQUILEGIA, McKana's Giant Hybrid

## ACHILLEA Ptarmica

200,000 S; 65° to 70° F.; 1 to 2 weeks

**The Pearl.** Standard double white for cutting. Tr. pkt. 50c, 1/8oz. 65c, 1/4oz. \$1.15.

## ALYSSUM

40,000 S; 65° to 70° F.; 3 to 4 weeks

**Saxatile compactum.** Silvery foliage; yellow flowers. Tr. pkt. 25c, 1/4oz. 40c, oz. \$1.20.

## ANCHUSA

1100 S; 65° to 70° F.; 3 to 4 weeks

**Italica, Dropmore.** Gentian-blue. Tr. pkt. 25c, oz. 60c.

## ANEMONE (Windflower)

37,000 S; 65° to 70° F.; 5 to 6 weeks

**St. Brigid, Creagh Castle Strain.** Choice mixture of brilliant colors. 18 in. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.

## AQUILEGIA (Columbine)

15,500 S; 65° to 70° F.; 3 to 4 weeks

**McKana's Giant Hybrid.** All-America Award, 1955. The first perennial to receive an award in recent years. Many beautiful new colors. Extremely long spurred. Tr. pkt. 50c, 1/8oz. \$1.75, 1/8oz. \$2.75, 1/4oz. \$5.00, oz. \$16.00.

**Crimson Star.** Bicolor, dark red and white. Tr. pkt. 50c, 1/8oz. \$1.50, 1/4oz. \$2.75.

**Longissima.** Extra long spurred. Pale yellow. Tr. pkt. 60c, 1/8oz. \$1.80, 1/8oz. \$3.30.

**Mrs. Scott Elliott's Hybrids.** Long-spurred; fine color range and large blooms. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.

## ARABIS (Rock Cress)

120,000 S; 65° to 75° F.; 3 to 4 weeks

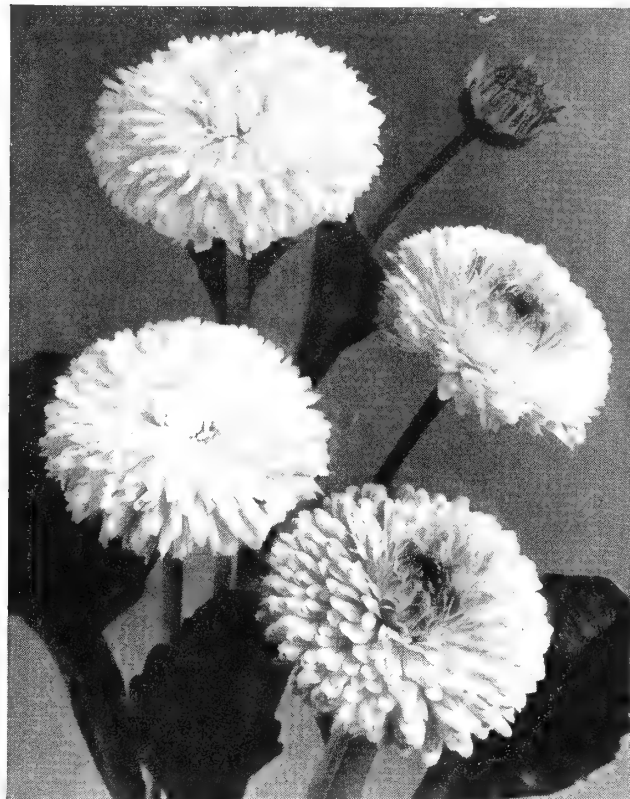
**Alpina Pink.** Delicate pale pink. 12 in. Tr. pkt. 45c, 1/4oz. \$1.30, oz. \$3.90.

**Alpina Snowcap.** 6 in. Dwarf, compact plants completely covered with shining snow-white flowers. Blooms very early in spring. Tr. pkt. 40c, 1/4oz. 80c, oz. \$2.75.

## ARMERIA

17,500 S; 65° to 70° F.; 3 to 4 weeks

**Formosa Hybrids Mixed.** Tr. pkt. 40c, 1/8oz. 75c, 1/4oz. \$1.40.



BELLIS, Double

## BELLIS

100,000 S; 65° to 70° F.; 1 to 2 weeks

### MONSTROSA

**Lavender.** (New.) **Red.** Deep rose. **Rose.** Rose-pink. **White.** Pure white. **Mixed Colors**

**Any of above, tr. pkt. 50c, 1/4oz. \$2.00**

### DOUBLE

**Crispa Cherry.** (Novelty.) Red, cherry-like flowers.

**Longfellow Pink.** Dark pink. Smaller but freer flowering than Monstrosa types.

**Tubulosa Etna Red.** Dark red, quilled blooms.

**Any of above, tr. pkt. 35c, 1/8oz. 75c, 1/4oz. \$1.35, 1/2oz. \$2.40**

### SUPER GIANT or ENORMA

From special selections. Flowers measure up to 2 in. in diameter.

**Pure White** **Red.** Deep rose. **Rose.** Deep pink.

**Crimson Ball.** Deep crimson. **Mixed**

**Salmon.** (New.) Nice light salmon-pink.

**Any of above, tr. pkt. 60c, 1/8oz. \$1.80, 1/4oz. \$3.30**

*We receive many compliments on the excellent germination of our Perennials and Biennials.*

## CAMPANULA

**Medium, Single** (Canterbury Bells).

135,000 S; 65° to 70° F.; 2 weeks

**White**      **Blue**      **Rose**      **Finest Mixed**

Any of above, tr. pkt. 20c, 1/4oz. 30c, oz. 90c

**Calycanthemum** (Cup-and-Saucer Type).

120,000 S; 65° to 70° F.; 2 to 3 weeks

**Dark Blue**      **Rose-Pink**      **White**      **Mixed**

Any of above, tr. pkt. 30c, 1/4oz. 80c, oz. \$2.40

## CANDYTUFT (Iberis)

11,500 S; 65° to 70° F.; 2 to 3 weeks

**Gibraltarica.** Large flowers, lilac shades to white. 1 ft. Tr. pkt. 30c, 1/4oz. 50c, oz. \$1.60.

**Jucunda.** Beautiful pink. Extra-dwarf, 4-in. plants. Tr. pkt. 50c.

**Sempervirens.** White. 1 ft. Tr. pkt. 50c, 1/4oz. \$1.20, oz. \$4.50.

## CARNATION

14,000 S; 65° to 70° F.; 2 to 3 weeks

**Grenadin, Golden Sun.** Golden yellow.

**Grenadin, Peppermint Stick.** Red and white striped.

**Grenadin, Red**      **Grenadin, Triumph Rose**

**Grenadin, Pure White**      **Grenadin, Mixed**

Any of above, tr. pkt. 60c, 1/8oz. \$1.20, 1/4oz. \$2.00, oz. \$6.50

**DWARF VIENNA.** 12 in. This strain is much used for spring basket sales.

**Aurora.** Rose-pink.

**Bright Scarlet.** Shining crimson.

**Othello.** Bright scarlet.

**Prof. Malmgreen.** Brick-red.

**White.** Pure white.

**Mixed.**

Any of above, tr. pkt. 60c, 1/8oz. \$1.20, 1/4oz. \$2.25

For Annual varieties, see page 8



CARNATIONS, Dwarf Vienna

## CENTAUREA

1600 S; 65° to 75° F.; 2 to 3 weeks

**Montana.** Large, cornflower-blue flowers. Tr. pkt. 25c, 1/4oz. 50c, oz. \$1.50.

## CHRYSANTHEMUM leucanthemum

25,000 S; 65° to 75° F.; 2 to 3 weeks

**Alaska Daisy.** Pure white flowers on long stems. Blooms June till frost. Tr. pkt. 25c, oz. \$1.00.

**Exhibition Giant White.** Pure white. Ideal cut flower, producing a large number of real double and semi-double flowers. Tr. pkt. 50c, 1/8oz. \$1.50, 1/4oz. \$2.75.

## DAISY, SHASTA

18,500 S; 65° to 70° F.; 2 to 3 weeks

**G. Marconi.** Long-stemmed, largest-flowered and finest double Shasta Daisy.

**Diener's Giant Double.** Best white.

Either of above, tr. pkt. 55c, 1/8oz. \$1.65, 1/4oz. \$3.00

## DELPHINIUM

10,000 S; 55° to 65° F.; 3 to 4 weeks

**GIANT PACIFIC HYBRIDS.** We consider the following to be the most satisfactory type for florists.

**Astolat Series.** Pale blush tints with some darker tones; all have dark bees. 1/2tr. pkt. \$1.50, tr. pkt. \$2.25, 1/8oz. \$4.25, 1/4oz. \$7.75 (originator's seed).

**Black Knight.** Royal violet with dark bee.

**Blue Bird Series.** A white bee on clear medium blue petals.

**Blue Jay.** Medium blue with dark bee.

**Cameliard Series.** Pure lavender with white bee.

**Galahad Series.** Finest white. Strong stems; branching habit. 3-in. flowers.

**Guinevere.** Light pink-lavender with white bee.

**King Arthur.** Brilliant royal violet with white bee.

**Percival Series.** Large, glistening white flowers with contrasting black bees.

**Summer Skies.** Clear light blue with white bee.

**Round Table Mixture.** All Pacific Giants.

Any of above, except where noted, tr. pkt. \$1.25, 1/8oz. \$2.25, 1/4oz. \$4.00, oz. \$13.50

**Belladonna Improved.** Light blue. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

**Bellamosum Improved.** Dark blue. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

**Blackmore & Langdon Strain Mixed.** One of the best-known strains. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

**Gold Medal Hybrids Mixed.** Dark shades. Tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00.

**Lamartine.** Gentian-blue with cream center. Fine for cutting. Tr. pkt. 50c, 1/4oz. \$1.35, oz. \$4.75.

**Sapphire.** Medium blue. A shade lighter and brighter than Bellamosum, with golden bee. Has immense florets and is an excellent florists' item. Tr. pkt. 75c, 1/4oz. \$2.50, oz. \$7.50.

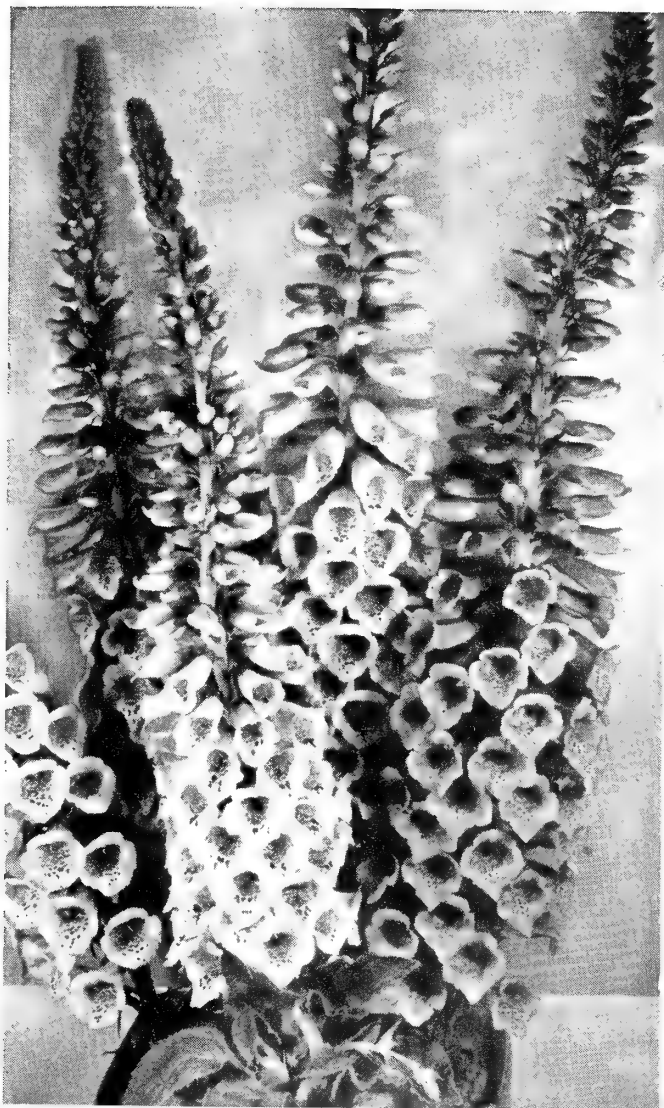
**Wrexham (Hollyhock) Strain.** Long flowering period. Extremely long and tapering spire-like spikes. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.40.

## CHINESE

**Alba.** Pure white. 2 to 3 ft. Tr. pkt. 35c, oz. \$1.25.

**Blue Mirror.** (New.) Bright navy-blue, spurless flowers. Tr. pkt. 50c, 1/4oz. \$1.15, oz. \$3.60.

H. G. GERMAN, 103 Bank Street, Smethport, Penna.



DIGITALIS, Horizontal Excelsior Hybrids

## DIANTHUS

26,600 S; 65° to 70° F; 2 to 4 weeks

### BARBATUS (SWEET WILLIAM)

**Giant White.** Extra large-flowered strain.

**Newport Pink.** Very attractive rich pastel salmon-rose.

**Scarlet Beauty.** Intense scarlet-red.

**Double Mixture.** Formula mixture of all colors.

Any of above, tr. pkt. 30c, 1/4oz. 75c, oz. \$2.40

**Double Dwarf Midget Mixed.** Tr. pkt. 35c, 1/4oz. 85c, oz. \$3.00.

**Dwarf Single Midget Mixed.** Excellent rock plant. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.

### PLUMARIUS

**Semperflorens** (Florist's Perpetual Pinks). Extra-choice mixture. Tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00.

**Semperflorens, Cyclops.** Rose and red shades with deeper eye. Tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00.

**Spring Beauty.** Very fragrant; double giant carnation-like form. Beautiful color range. Tr. pkt. 50c, 1/4oz. \$1.40, oz. \$5.00.

**Special Scotch Extra Double Mixture.** Large, 100% double flowers with non-incurved petals. Mixture of rose, mauve, crimson, scarlet colors with purple and dark red marks and zones. Tr. pkt. 35c, 1/4oz. \$1.00, 1/4oz. \$1.75, oz. \$5.10.

## DICENTRA (Bleeding-Heart)

1600 S; germinate same as Trollius

**Spectabilis.** Rose-red flowers. Tr. pkt. \$1.50, 1/16oz. \$2.50, 1/8oz. \$4.50.

## DICTAMNUS (Gas-Plant)

1700 S; soak seed (germinates unevenly)

**Fraxinella, Red.** Rosy pink flowers with deeper veins; very showy. 2 1/2 ft. Tr. pkt. 35c, 1/4oz. 75c, oz. \$2.25.

## DIGITALIS (Foxglove)

272,500 S; 65° to 70° F.; 2 to 3 weeks

**Horizontal Excelsior Hybrids.** The florets of this new strain are carried either horizontally or nearly so, thus revealing the full effect of the markings inside the bells. Complete color range. Tr. pkt. 50c, 1/4oz. \$1.20, 1/2oz. \$1.95, oz. \$3.60.

**Shirley Hybrids Mixed.** Enormous flowers. 6 to 7 ft. Tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00.

**Shirley, Pastel Shades.** New shades of cream, yellow, apricot, rose-pink and heliotrope. Tr. pkt. 50c, 1/4oz. \$1.30, oz. \$4.00.

## FORGET-ME-NOT (Myosotis)

30,400 S; 65° to 70° F.; 2 to 3 weeks

**Carmine Bedder.** (New.) This is the deepest rose color. The 6-in. plants produce an abundance of bright rosy carmine flowers. Tr. pkt. 50c, 1/4oz. \$1.15, oz. \$4.00.

**Alpestris, Rose.** Delicate rose-pink. Tr. pkt. 40c, 1/4oz. 95c, oz. \$3.15.

### Hybrida

**Isolde Krotz.** Extra dwarf, very large flowered. Rich blue.

**Margo Sacher.** Celestial blue. The largest flowered of all.

Either of above, tr. pkt. 50c, 1/4oz. 95c, oz. \$3.15

**Victoria Strain.** Has very dwarf, globular growth; large flowered.

Azure-Blue Indigo-Blue Rose White

Any of above, tr. pkt. 40c, 1/8oz. 85c, 1/4oz. \$1.60

## GAILLARDIA grandiflora

9500 S; 65° to 70° F.; 2 to 3 weeks

**Burgundy.** Wine-red flowers 2 1/2 in. across. Blooms from June till frost. 2 1/2 ft.

**Bremen.** Large flowers of bright golden yellow with maroon-red center. 3 ft.

**Monarch Strain.** A superior strain of large, full-petaled flowers with an excellent range of colors.

Any of above, tr. pkt. 30c, 1/4oz. 50c, oz. \$1.75

**Goblin.** Forms attractive, compact plants with red and yellow bicolored flowers. Free flowering.

**Golden Goblin.** Bright yellow. Compact plants.

Either of above, tr. pkt. 30c, 1/4oz. 65c, oz. \$2.25



GAILLARDIA, Goblin

## GEUM (Avens)

7000 S; 65° to 70° F.; 3 to 4 weeks

**Lady Stratheden.** Orange-yellow, large, double flowers.

**Mrs. Bradshaw.** Bright scarlet, splendid double flowers. 2 ft.

Either of above, tr. pkt. 30c, 1/4oz. 60c, oz. \$1.75

**Orange Queen.** Orange-scarlet, large double flowers. Tr. pkt. 50c, 1/8oz. \$1.25.

## GYPSOPHILA

33,000 S; 65° to 70° F.; 1 to 2 weeks

**Double Snowflake.** 40 in. 20 to 40% double. Pure white. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.00.

## HEUCHERA (Coral Bells)

750,000 S; 65° to 70° F.; 2 to 3 weeks

**Sanguinea hybrida Mixed.** Shades of red through rose to white. Tr. pkt. 50c, 1/16oz. \$1.75.

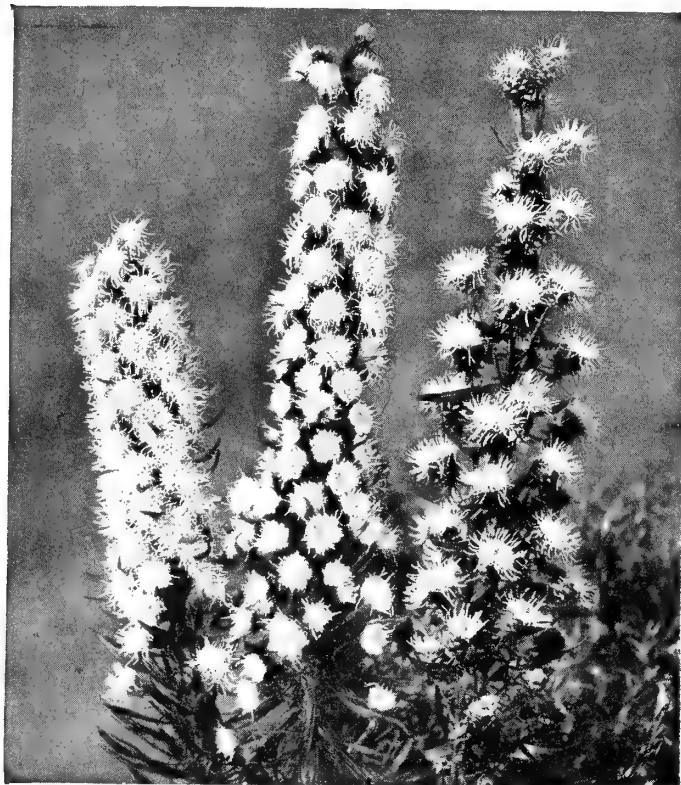
## HOLLYHOCK

3200 S; 65° to 70° F.; 2 to 3 weeks

**Chater's Mixed.** Tr. pkt. 35c, 1/4oz. 65c, oz. \$2.00.

**Triumph Strain.** Beautiful fringed flowers in new shades. Tr. pkt. 55c, 1/4oz. \$1.00, oz. \$3.00.

**IBERIS** (Hardy Candytuft). See Candytuft.



LIATRIS SCARIOSA, Snow-white

## LIATRIS (Gayfeather)

9500 S; 65° to 70° F.; 3 to 4 weeks

**Pycnostachya.** Long-stemmed rosy crimson spikes 15 to 18 in. long. Finest for cutting.

**Scariosa.** Rosy purple; long spikes. 4 ft.

**Scariosa, Snow-White.** Considered by many to be the most beautiful Liatris. Blooms of purest white.

Any of above, tr. pkt. 50c, 1/4oz. \$1.80



LUPINES, Russell Hybrids Mixed

## LUPINES

1000 S; 65° to 70° F.; 3 to 4 weeks (soak seed)

**Russell Hybrids Mixed.** Large flowers; marvelous color range. Tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00, 1/4lb. \$6.00.

## LYCHNIS

64,000 S; 65° to 70° F.; 3 to 4 weeks

**Forresti Hybrids.** Free-blooming strain in shades of pink, carmine and white. 2 ft. Tr. pkt. 35c, 1/4oz. \$1.10, oz. \$3.30.

**Viscaria splendens.** Rosy lilac; for rock gardens. 14 in. Tr. pkt. 25c, 1/4oz. 50c.

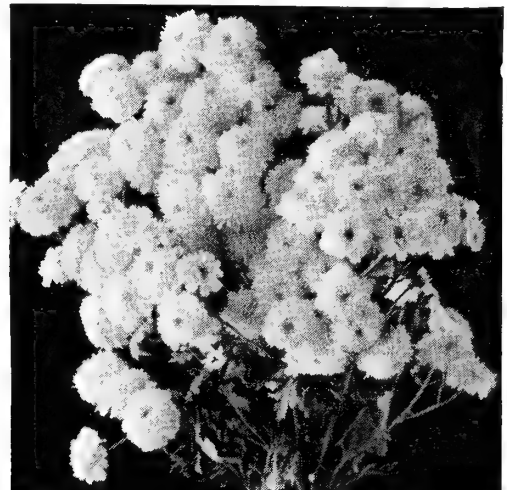
## MATRICARIA (Bridal Rose or Feverfew)

145,000 S; 65° to 70° F.; 2 to 3 weeks

**Ultra-Double White.** Select florists' strain. Closely approaches the quality usually obtained only from cuttings. Tr. pkt. \$1.00, 1/16oz. \$2.00, 1/4oz. \$6.00.

**Ball Double White.** Extra select. 18 in. Tr. pkt. 40c, 1/8oz. \$1.10, 1/4oz. \$2.00.

**MYOSOTIS.** See Forget-Me-Not.



MATRICARIA

## POPPY, ORIENTAL

140,000 S; 65° to 70° F.; 1 to 2 weeks

**Beauty of Livermere.** Dark oxblood-red.

**Brilliant.** Vivid fiery red.

**Princess Victoria Louise.** Light orange-salmon.

**Choice Mixed.** Mixture of all colors.

Any of above, tr. pkt. 40c, 1/4oz. \$1.20, oz. \$3.60



PRIMULA Veris

## PRIMULA veris (Polyanthus)

33,000 S; 65° to 70° F.; 3 to 6 weeks

### GIANT FLOWERED

**Bright Yellow**

**Coerulea.** Blue shades.

**Giant Munstead.** Light shades.

**Colossea Mixed.** Giant flowered choicest mixed. Contains many new shades.

Any of above, tr. pkt. \$1.00, 1/16oz. \$1.35, 1/8oz. \$2.50

**Japonica Mixed.** Crimson, rose and pink flowers borne in whorls on 6 to 9-in. stems. Tr. pkt. 50c, 1/8oz. \$1.00.

**Acaulis Blue.** Beautiful shade of blue. Tr. pkt. \$1.25.

**Acaulis Mixed.** When in full bloom, these luxuriant plants are a mass of brilliance. Each tight, rose-like bud is carried on a separate stem. Tr. pkt. \$1.10.

**Auricula, Monarch Strain Mixed.** An exceedingly hardy Primula. Very attractive plant forming rosettes of thick leaves, sometimes farinose or mealy. The plants bloom from April to June and again in the fall. Tr. pkt. \$1.10.

**Sieboldi.** Most rugged Primula. Beautiful yet fragile-looking, fringed blooms of white, rose and lavender shades. Sow late fall and winter and place flats outside to freeze in order to assure germination. 350 seeds \$2.50.

**Denticulata grandiflora.** Beautiful globular blooms on long stems. White, blue and violet shades in this mixture. Tr. pkt. \$1.00, 1/16oz. \$1.50, 1/8oz. \$2.50.

**Cashmiriana.** A form of Denticulata. Rosy lilac blooms. 12 in. Tr. pkt. 60c, 1/16oz. \$3.25, 1/8oz. \$5.30.

**Red Shades**

**White**

## PYRETHRUM (Painted Daisies)

22,000 S; 65° to 70° F.; 2 to 3 weeks

**James Kelway.** Rich crimson-scarlet. Tr. pkt. 60c, 1/4oz. \$2.00.

**Roseum, Single Mixed.** Tr. pkt. 50c, 1/4oz. \$1.75, oz. \$5.00.

**Robinson's Giant Hybrids.** Tr. pkt. 60c, 1/4oz. \$1.75, oz. \$5.00.

**German's Giant Double Mixed.** High percentage of double flowers; excellent color range. Tr. pkt. 50c. 1/8oz. \$1.55, 1/4oz. \$2.75, oz. \$8.20.

## SCABIOSA

2400 S; 65° to 70° F.; 2 to 3 weeks

**House's New Hybrids.** Tr. pkt. 45c, 1/4oz. \$1.35, oz. \$4.00.

## TRITOMA (Red-Hot Poker)

20,000 S; 65° to 70° F.; 3 to 4 weeks (slow and uncertain)

**Royal Castle Hybrids.** Splendid new color range; flowers of perfect form.

**Uvaria grandiflora.** Fiery red with yellow.

Either of above, tr. pkt. 45c, 1/4oz. 80c, oz. \$2.40

## TROLLIUS Ledebouri

8000 S; expose seed flats to freezing temperature for several weeks, then bring into 60° house

**Dark Orange.** As named.

**Golden Queen.** Golden orange petals, yellow anthers; large. The best variety. 3 to 4 ft.

Either of above, tr. pkt. 50c, 1/16oz. \$1.20, 1/8oz. \$2.00

## VIOLA cornuta

24,000 S; 65° to 70° F.; 2 to 3 weeks

### CORNUTA (Small-flowered Types)

**Blue Gem (Jersey Gem).** Deep violet-blue. Tr. pkt. 60c, 1/8oz. \$2.00.

**Blue Perfection.** Large-flowered light blue. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Johnny Jump Up, Mixed.** Small, free-flowering mixture. Tr. pkt. 60c, 1/8oz. \$1.35.

**King Henry.** Purple-violet with blue. Tr. pkt. 60c, 1/4oz. \$2.20, oz. \$6.50.

**Lutea Splendens.** Golden yellow. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Papilio.** Blue and white combinations. Extra dwarf. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00.

### CORNUTA HYBRIDA (Large-flowered Types)

**Admiration.** Deep violet-blue. Tr. pkt. 60c, 1/4oz. \$2.00, oz. \$6.00.

**Arkwright Ruby.** Rich crimson with dark eye. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Chantreyland.** Pure apricot; very free blooming. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Purple Bedder.** Rich wine-purple with small yellow eye. Tr. pkt. 60c, 1/8oz. \$1.60, 1/4oz. \$2.90.

**White Perfection.** Large-flowered white. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Yellow Gem.** Best pure yellow. Tr. pkt. 60c, 1/4oz. \$1.60, oz. \$5.25.

**German's Special Mixture.** A superb mixture. Tr. pkt. 60c, 1/4oz. \$1.35, oz. \$4.80.

**Toyland.** (New.) A mixture of F<sub>2</sub> from hybrids. Large, well-rounded, 2-in. blooms, gracefully waved, on sturdy, compact plants. Color range: red, gold, apricot, blue, purple, violet, black and white. Extremely vigorous; prolific bloom. Tr. pkt. 75c, 1/8oz. \$1.75, 1/4oz. \$3.15.

# EXTRA-SELECT Vegetable Seeds

**Days to maturity:** The number of days indicated are from setting out plants to open fields, as applied to broccoli, cabbage, cauliflower, celery, pepper, and tomato, which ordinarily are transplanted.

## BEETS

	Oz.	¼lb.
<b>Crosby's Egyptian</b> .....	\$0 15	\$0 50
<b>Detroit Dark Red.</b> Improved strain.....	15	50
<b>Ruby Queen.</b> All-America Winner for 1958. An extra-good new variety with very short tops and round, smooth, medium red roots without any rings inside. Good red color all through. Vigorous grower with good quality and flavor. Matures early.....		
Tr. pkt. 15c.	25	75

## BROCCOLI

10,000 S; 65° to 75° F.

<b>Green Sprouting Early.</b> 70 days. All season, cut and come again.....	Tr. pkt. 20c...	50	1 55
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BRUSSELS SPROUTS, Jade Cross

## BRUSSELS SPROUTS

7000 S; 65° to 75° F.

	½oz.	Oz.	¼lb.
<b>Jade Cross.</b> F <sub>1</sub> Hybrid. 85 days. Silver Award Winner for 1959. Uniformly packed with firm sprouts from the ground up, it outmodes all other varieties. Extremely vigorous and uniform, 22 in. tall. From 3 to 9 days earlier than Long Island Improved, heavier in yields.....			
Tr. pkt. \$1.00, ¼oz. \$2.00..	\$3 25	\$6 00	\$20 00
<b>Long Island Improved.</b> 90 days. Medium dwarf, heavy yielder. ....			
Tr. pkt. 20c...	35	50	1 50



F<sub>1</sub> HYBRID CABBAGE (Center)

Two small heads are parent strains; center is the resulting F<sub>1</sub> Hybrid. Note its remarkable vigor.

## CABBAGE

7000 S; 65° to 75° F.

All of our Cabbage seed is grown in an area free of black rot and black leg. All varieties marked (Y.R.) are yellows-resistant. They are produced by a specialist in the development and production of yellows-resistant seed, who devotes his entire effort to supplying strains of uniform types and quality.

### New F<sub>1</sub> Hybrid Strains

**C. C. Cross.** 65 days. Extra-early, very uniform, compact and short stemmed. Average 3 lbs. Copenhagen type.

**O. S. Cross.** 65 days. All-America Winner. Its exceptional uniformity and vigor amazes all who have grown it. Very large, solid, flat heads with small cores and white interior. Medium early.

**N. S. Cross.** 95 days. A sensation among market growers. Extremely hard, firm heads that are slow to bolt. Heads weigh 5 to 7 lbs., with small cores and white interior. Very uniform, late season.

**Hybrid No. 4.** A very uniform and dependable variety for summer. Round solid heads.

Any of above, tr. pkt. (1000 seeds) \$1.00, ½oz. \$1.95, oz. \$3.50, ¼lb. \$10.65

### Early and Medium Early Varieties (Yellows-Resistant Varieties)

	Oz.	¼lb.	Lb.
<b>Badger Market.</b> (Y.R.) 75 days. Excellent quality, tender and mild.	\$0 80	\$2 25	\$6 50
<b>Jersey Queen.</b> (Y.R.) 58 days. Heads small and conical; sweetest Cabbage grown. Improved Early Jersey Wakefield.....	70	1 85	5 00
<b>Wisconsin Copenhagen.</b> (Y.R.) 65 days. Uniformly round heads, maturing evenly. Improved Copenhagen Market.....	65	1 75	5 00
<b>Wisconsin Golden Acre.</b> (Y. R.) 55 days. Earliest round Cabbage, very uniform. Improved Golden Acre.....	65	1 90	6 00

## CABBAGE, continued

<b>Bonanza.</b> 75 days. Small firm heads, shortest core, slow bolting.	Oz.	1/4lb.	Lb.
	\$0 75	\$2 10	\$6 00
<b>Copenhagen Market.</b> See Wisconsin Copenhagen	Discontinued		
<b>Early Jersey Wakefield.</b> See Jersey Queen	Discontinued		
<b>Globe.</b> 80 days. Heads globular, compact, small cored. Uniform heavy yielder and a good shipper. Improved "Glory" type	70	1 80	5 50
<b>Glory of Enkhuizen.</b> See Globe	Discontinued		
<b>Golden Acre.</b> See Wisconsin Golden Acre	Discontinued		

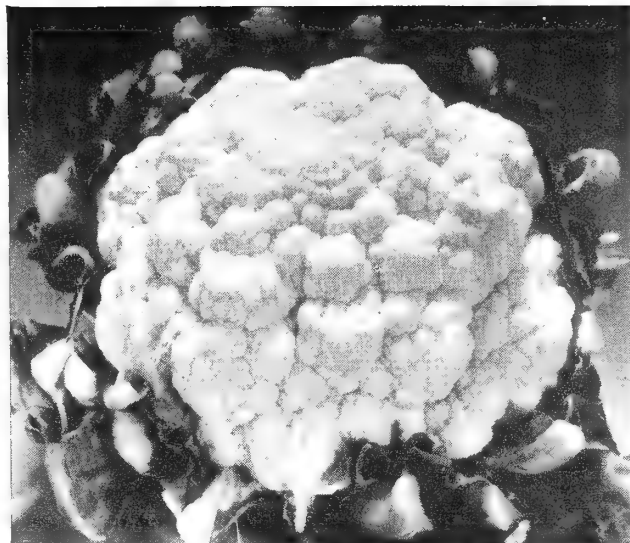
### Late or Winter Varieties

<b>Improved Wisconsin Ballhead.</b> (Y.R.) 100 days. Heavy spherical heads, solid and compact; short stem. New Improved Danish type.	80	2 20	6 25
<b>Pennvalley.</b> (New.) (Y.R.) 100 days. Danish Ballhead type, similar to Pennstate Ballhead, but yellows resistant. It serves the same purposes, shows more vigor.	60	2 10	6 00
<b>Danish Ballhead, Penn State Strain.</b> 100 days. Globe-shaped, solid uniform heads. Excellent storer.	75	2 10	6 00
<b>Premium Late Flat Dutch.</b> 100 days. The largest flat head; good quality.	60	2 00	6 00
<b>Resistant Danish Ballhead.</b> See Improved Wisconsin Ballhead	Discontinued		

### Red and Savoy

<b>Resistant Red Hollander.</b> (Y.R.) 95 days. Round heads. Late red Cabbage, good shipper and storer.	90	2 45	7 00
<b>Savoy, Chieftain.</b> 85 days. Drum-head shaped, slow bolting, uniformly savoyed.	70	1 85	5 00

Tr. pkts. of any of the preceding (except F<sub>1</sub> Hybrids) 30c



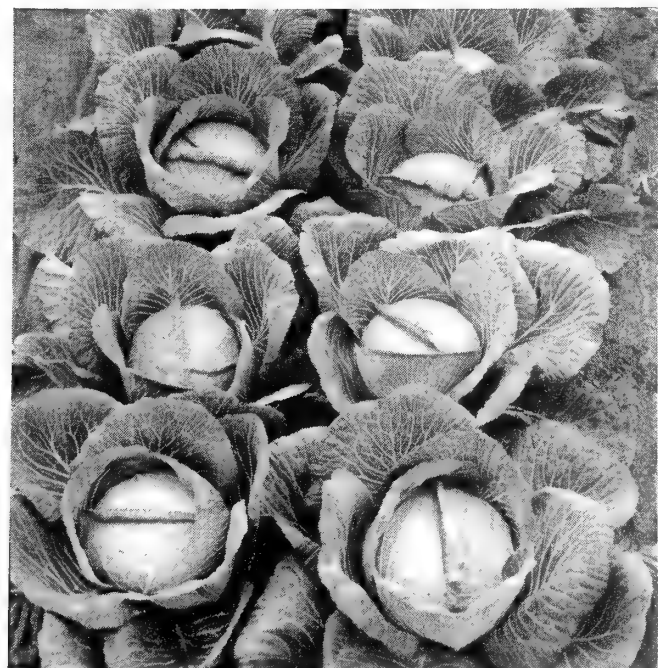
CAULIFLOWER, Snowball "A"

## CAULIFLOWER

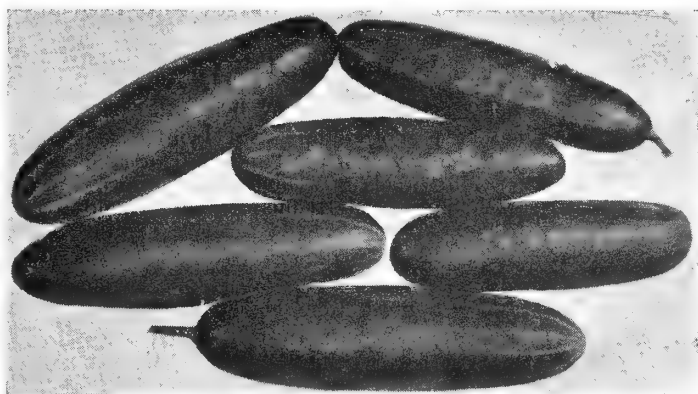
7000 S; 65° to 75° F.

<b>Extra Early Snowball.</b> 52 days. Compact, pure white heads of superb quality. Best early variety	1/2oz.	Oz.	1/4lb.
	1/4oz. 80c...	\$1 40	\$2 50 \$8 00
<b>Snowball "A".</b> 55 days. Medium heads, deep and solid, ivory-white.	1/4oz. 80c...	1 40	2 50 8 00
<b>Snowball "X".</b> 60 days. Large, firm, pure white heads, maturing gradually. Best variety for the home gardener.	1/4oz. 80c...	1 40	2 50 8 00
<b>Super Snowball.</b> 55 days. Regular in maturing, waxy white	1/4oz. 80c...	1 40	2 50 8 00

**CELERY.** See page 30.



F<sub>1</sub> HYBRID CABBAGE  
Every plant uniform and quite alike



CUCUMBER, Hybrid Early Surecrop

## CUCUMBER

1000 S; 65° to 75° F.

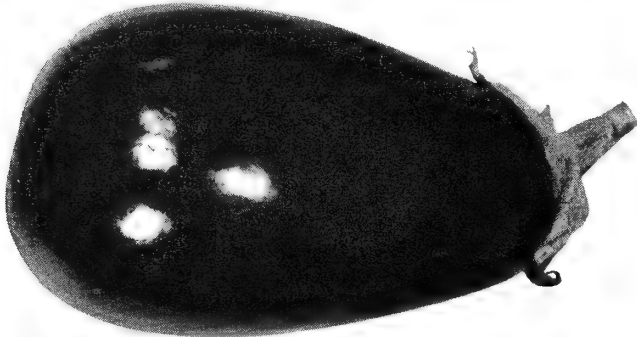
### F<sub>1</sub> Hybrids

<b>Early Marketer.</b> (New.) 60 days. Standard slicer. Uniform and trim, tapered at both ends. Tr. pkt. 50c.	1/4oz.	Oz.	1/4lb.
	1/4oz. 50c...	\$1 40	\$4 20 \$12 50
<b>Early Surecrop.</b> 58 days. Slender fruits with blunt ends; flesh crispy and white. 8 to 9 in. long.	1/4oz. 50c...	1 40	4 20 12 00

## CELERY

8000 S; 65° to 75° F.

	½oz.	Oz.	¼lb.
<b>Cornell No. 619.</b> 95 days. Self-blanching yellow, crisp and excellent quality. Tr. pkt. 50c...	\$0 85	\$1 55	\$5 25
<b>Dwarf Golden Detroit.</b> 90 days. Self-blanching golden, 22 in. tall. Hearts firm, solid, and heavy. Tr. pkt. 35c...	65	1 00	3 25
<b>Golden Plume or Wonderful.</b> 85 days. Early, stocky; compact hearts. Firm, solid and heavy. Tr. pkt. 35c...	65	1 00	3 25
<b>Summer Pascal.</b> 110 days. Green, crisp and tender. A good shipper. Tr. pkt. 50c...	75	1 40	4 30
<b>Utah No. 15.</b> 125 days. Green, crisp, full hearted, thick, rounded and smooth. Tr. pkt. 50c...	85	1 40	4 35



EGGPLANT, Mission Bell

## EGGPLANT

6000 S; 65° to 75° F.

### F<sub>1</sub> Hybrids

	½oz.	Oz.	¼lb.	Lb.
<b>Mission Bell.</b> 70 days. Deep, oval, dark, glossy fruit, tapering slightly toward the stem. Smooth, shiny skin. Plants vigorous, upright, medium tall. Excellent quality, high yields and earliness combine to make this an outstanding variety. Tr. pkt. 75c...	\$1 25	\$2 25		
<b>Hybrid No. 25.</b> 65 days. Oval fruited, very early maturing. Glossy black skin. Continuous bearer; prolific. Tr. pkt. 60c...	1 00	1 85		

### Standard Variety

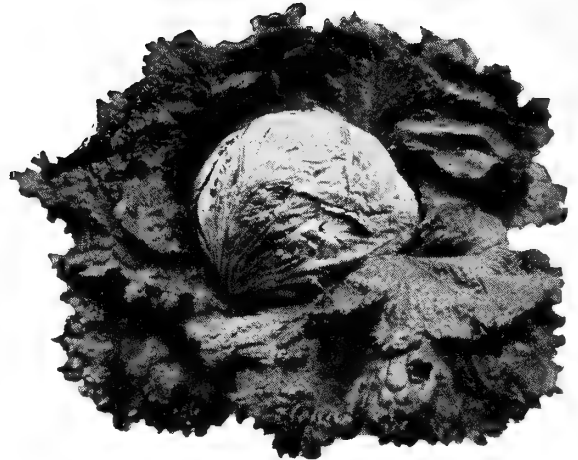
<b>Black Beauty.</b> 80 days. Large, deep purple fruit. Solid and tender, with a good flavor.	70	\$2 25	\$7 50
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## LETTUCE

15,000 S; 60° to 70° F.

### Loose-leaf

	Oz.	¼lb.	½lb.
<b>Grand Rapids.</b> 42 days. Most popular variety. Exceedingly tender, crisp and large leaved. Tr. pkt. 15c...	\$0 30	\$0 70	
<b>Ruby.</b> 47 days. All-America Winner for 1958. Non-heading, fancy, frilled and crisp, bronzy red. Tr. pkt. 50c...	1 30	4 00	
<b>Salad Bowl.</b> 45 days. Leaves short and close set, fine flavored. Withstands summer heat, slow to bolt. Tr. pkt. 15c...	60	2 00	



LETTUCE, Great Lakes No. 659

### Head Lettuce

<b>Bibb.</b> See Burpeeana, which we recommend.	Oz.	¼lb.	½lb.
<b>Burpeeana.</b> (New.) 75 days. Butterhead. Leaves loosely folded, always crisp and sweet. Tr. pkt. 50c...	\$1 00	\$3 00	Discontinued
<b>Great Lakes No. 659.</b> 80 days. Early, heat resistant, slow bolting. Heavy solid heads; withstands frost. Tr. pkt. 30c...	65	1 75	
<b>Pennlake.</b> 75 days. Large, compact, uniform heads, slow to bolt. Tr. pkt. 25c...	70	1 90	\$2 90
<b>Premier Great Lakes.</b> 80 days. Solid, round heads, 7 in. across, average 2 lbs. Resistant to tip-burn. Tr. pkt. 35c...	75	2 00	3 15

## MUSKMELON

1000 S; 65° to 75° F.

	½oz.	Oz.	¼lb.
<b>Early Delicious No. 51.</b> 80 days. Fusarium resistant. Orange flesh, thick, sweet, and juicy. Good for home gardeners and local markets. Tr. pkt. 20c...	\$0 35	\$0 50	\$1 50
<b>Harvest Queen.</b> (New.) 85 days. Fusarium resistant. Oval shape; extra-thick flesh. Good shipper and keeper. Tr. pkt. 20c...	35	50	1 50
<b>Pennsweet.</b> 80 days. Dependably early; medium size. One of the sweetest. Averages 1½ lbs. Tr. pkt. 20c...	35	50	1 40

### F<sub>1</sub> Hybrid

<b>Super Market.</b> 82 days. Fusarium resistant. Deep salmon, thick, firm flesh. Delicious flavor. Holds up well; very prolific. Tr. pkt. \$1.00.	¼oz.	Oz.	
	\$2 25	\$8 50	

## WATERMELON

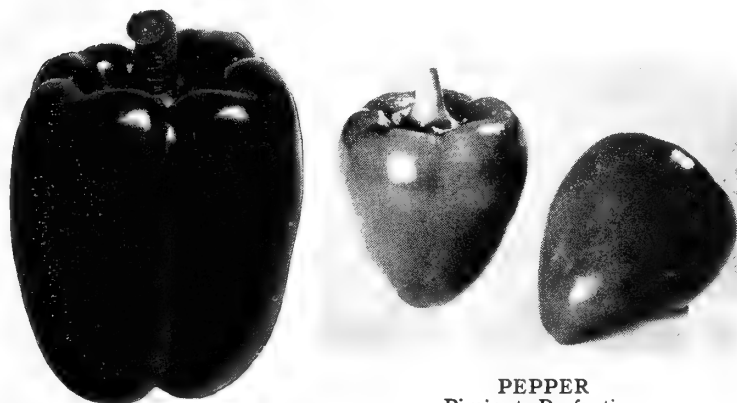
415 S; 65° to 75° F.

	½oz.	Oz.	¼lb.
<b>Sugar Baby.</b> (New.) 83 days. Icebox type. Dark red flesh, sweet. 7 to 8 in. in diameter; averages 7 lbs. Tr. pkt. 20c...	\$0 35	\$0 55	\$1 20
<b>Takii Earliest Gem.</b> 78 days. Icebox type. Oval shaped, thin skinned, bright red flesh. Very prolific. Tr. pkt. 25c...	40	65	1 75

## ONION

9000 S; 60° to 70° F.

	½oz.	Oz.	¼lb.	Lb.
<b>Prizetaker.</b> 105 days. Good shipper. Light yellow skin; white flesh. Very sweet and tender.....		\$0 70	\$2 30	\$6 90
<b>Utah Sweet Spanish.</b> 112 days. Skin amber-yellow; globe shaped. Flesh firm but juicy and sweet. Good keeping quality.....		70	2 30	6 90
<b>F<sub>1</sub> Hybrids—Adapted for Northern Areas</b>				
<b>Abundance.</b> 95 days. Light yellow skin. Deep globe shape, good size; uniform, heavy yielder..... Tr. pkt. 30c...	\$0 50	90	2 75	8 00
<b>Aristocrat.</b> 110 days. High globe shape; hard white flesh. Good keeper.. Tr. pkt. 30c...	50	90	2 75	8 00
<b>Epoch.</b> (New.) 95 days. High globe shape; hard white flesh. Good storer. An outstanding hybrid Onion. Tr. pkt. 35c...	50	90	2 80	8 25



PEPPER  
Pennwonder

PEPPER  
Pimiento Perfection

## PEPPER

3000 S; 70° to 80° F.

Maturity dates indicate approximate time required from final planting to the production of marketable green Peppers.

### Sweet Varieties

	½oz.	Oz.	¼lb.	Lb.
<b>All Big.</b> 60 days. Big; thick fleshed. Matures early, sets fruit in hot weather, prolific. An improved World Beater.....	\$0 60	\$1 00	\$3 35	\$11 00
<b>California Wonder.</b> 75 days. Four lobed; thick sweet flesh. Green changing to crimson. A good stuffer....	50	85	2 55	8 00
<b>Calwonder Early.</b> 70 days. Large, attractive, blocky fruit; thick meat. Deep green changing to bright red.....	50	85	2 50	8 00
<b>Golden Wonder.</b> 68 days. Thick sweet flesh. Productive over a long period. Green changing to deep golden yellow.....	65	1 00	3 35	10 00
<b>Harris Early Giant.</b>	Discontinued			
<b>King of the North.</b> 65 days. Medium thick, early, large fruits, slightly tapered.....	45	75	2 25	7 50

## PEPPER, continued

	½oz.	Oz.	¼lb.	Lb.
<b>Pennwonder.</b> 60 days. Most dependable early Pepper. Good size, blocky shape, thick meat. A high yielder. Dark green turning to a rich red.....	\$0 50	\$0 95	\$2 95	\$9 50
<b>Pimiento Perfection.</b> 72 days. Heart shaped, sweet, medium thick walls, smooth skin. Turns scarlet.....	45	70	2 50	7 50
<b>Sunnybrook (Sweet Cheese).</b> 72 days. Most popular pimiento Pepper. Early, prolific, scarlet-red. 3 x 2 in.....	45	75	2 50	7 50
<b>Sweet Banana.</b> 60 days. Same as Sweet Hungarian Yellow Wax. 6 in. long, smooth, sweet, banana-yellow turning red.....	50	90	3 00	
<b>Vinedale.</b> 63 days. Extremely early, vigorous, productive. A sure cropper. Fruits borne upright; fairly thick flesh. Replaces Harris Early Giant.....	50	85	3 25	10 00
<b>World Beater No. 13.</b>	Discontinued			

### Hot Varieties

<b>Hungarian Yellow Wax.</b> 60 days. Pendant, smooth, tapered, waxy yellow turning bright red.....	50	90	2 90	9 00
<b>Large Red Cherry.</b> 70 days. Late, round, smooth, and solid. Used for pickles.....	50	85	2 55	8 00
<b>Long Red Cayenne (Thick).</b> 70 days. Tapered, pungent, bright red fruit. Average 1 in. in diameter.....	40	60	2 00	6 00
<b>Tr. pkts. of any of the above varieties, 30c each</b>				

## TOMATO

7000 S; 60° to 70° F.

### Special Forcing

<b>Michigan State Forcing.</b> 75 days. Wilt resistant. Early, heavy yielder. Deep rich scarlet, globe-shaped fruits hang in large clusters. Average weight 4 to 5 ozs. Tr. pkt. 50c, ¼oz. \$1.00, oz. \$3.00.	
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### Stokescross Varieties

The astonishing vigor of the Stokescross Tomatoes will, in varying degrees, develop these advantages: production increase up to 30%; earlier, more continuous and profuse fruit setting; more extended harvest season; distinctive qualities of color; flavor and firmness; less cracking of fruit.

<b>Stokescross No. 1.</b> 65 days. Extra early. Superior in nearly every respect to Stokesdale. Average weight 3 ozs. Color and flavor are unique. Plants may be set 2 by 3 ft., for the foliage is light.	
<b>Stokescross No. 4.</b> 70 days. This variety will mature a profusion of 5-oz. Tomatoes. Developed for the shipping trade and for northern processors.	
<b>Stokescross No. 5.</b> 75 days. Early main crop. Average weight 6 ozs. Distinguished by its amazing vigor. Production increase up to 30% is not unusual. Rich flavor, high color.	

**Any of the above, tr. pkt. 75c, ¼oz. \$1.25, ½oz. \$1.80, oz. \$3.50, ¼lb. \$12.00**

## TOMATO, continued

7000 S; 60° to 70° F.

### Outstanding Improved Stokes Strains

Certified Tomato seed by Stokes. Treated with New Improved Ceresan.

**Master Marglobe.** 75 days. Chiefly resistant to fusarium wilt and nailhead rust. Most outstanding uniform strain, heavily productive.

**Rutgers.** 73 days. Large, globular fruit with thick walls. Prolific and vigorous. Good for shipping or canning.

**Valiant.** 70 days. Deep globe shaped. Large meaty fruit, mild flavor, good rich red color. Ripens early.

Any of the above, tr. pkt. 35c, 1/2oz. 50c,  
oz. 95c, 1/4lb. \$3.10, lb. \$9.50

### F<sub>1</sub> Hybrids

® **Reg. Trade Mark of W. Atlee Burpee Co.**

**Big Boy Hybrid.** ® 78 days. Smooth, deep globe shape, meaty flesh. Popular for home gardens. Averages 10 to 16 ozs. Tr. pkt. \$2.25, 1/8oz. \$4.50, 1/4oz. \$8.50, 1/2oz. \$16.00, oz. \$30.00.

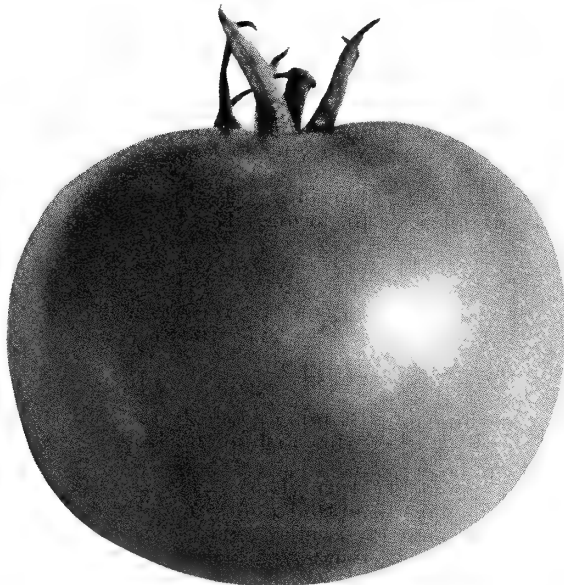
**Early Giant Hybrid.** 65 days. Largest early Tomato with heavy yields. Deep globe shape, thick walls, prolific.

**Giant King.** 80 days. Deep globe shape, colossal size, thick walls. Firm and meaty; bright scarlet color.

**Pa. 103.** (New.) 65 days. Thick, firm flesh, 4 to 6 cells. Round in shape, uniform in size throughout the season. Averages 5 ozs. Bright red color. Tr. pkt. \$1.50, 1/8oz. \$2.50, 1/4oz. \$5.00, 1/2oz. \$9.35, oz. \$18.00.

**New Wonder Boy.** 76 days. Improved selection. Large, smooth, meaty, heavy fruit. Scarlet-red. Large clusters; very prolific.

Any of the above, except Big Boy Hybrid and Pa. 103,  
tr. pkt. (300 seeds) \$2.00, 1/4oz. \$6.50, 1/2oz.  
\$12.00, oz. \$23.50



TOMATO, Wonder Boy

**Neptune (Red Hybrid No. 21).** 65 days. Large, meaty, rounded fruit. Heavy yielder. Bright scarlet.

**Venus.** 68 days. Smooth skin, ball shape, bright red. More desirable than Rutgers. Outyields Rutgers by 50%. One of the best red hybrids.

**Mars.** 72 days. Large-fruited pink Ponderosa type. Far better shape, heavier cropper. Average weight 1 lb.

Any of the above, tr. pkt. (500 seeds) \$1.00,  
1/8oz. \$2.80, 1/4oz. \$5.00, 1/2oz. \$9.35, oz. \$16.65

### Novelty Variety

**Caro-Red.** 75 days. The NEW orange Tomato, with exceptionally mild flavor. Same shape and season as Rutgers. Rich in vitamin A and distinct from other types presently grown. The inside flesh color is orange-red. High in Beta-carotene, the vitamin A pigment common in carrots, spinach and other vegetables rich in vitamin A. This places Caro-Red on a par with carrots as an excellent source of vitamin A. Tr. pkt. 35c, 1/2oz. 50c, oz. 95c, 1/4lb. \$3.10.

**Standard Tomatoes.** (B.R.) signifies blight resistant.

#### Beefsteak (Crimson Cush-

**ion).** 83 days. Large flat 1/2oz. Oz. 1/4lb. Lb.  
solid fruit; scarlet..... \$0 50 \$0 85 \$2 70 \$8 00

**Bonny Best.** 70 days. Large flat globe shape, smooth and solid..... 45 60 2 00 6 00

**Break o'Day.** (B.R.) 70 days. Globe shape; firm flesh. Heavy producer.... 45 60 2 00 6 00

**Fireball.** (New.) 60 days. Produces big crops of smooth firm fruit..... 90 1 90 6 00 20 00

**Firesteel.** (B.R.) 65 days. Deep globe shape, firm and fleshy. Uniform ripener... 45 70 2 35 7 00

**Giant Tree or Italian Potato Leaved (Neal, Winsol, Belgium Giant).** 90 days. Extra-large, pink fruit, tender and mild. Tr. pkt. 50c, 1/4oz. \$1.20... 1 90 3 60 12 00

**John Baer.** 70 days. Flat smooth fruit; tart flavor... 45 85 2 75 8 50

**Long Red.** 75 days. Bears until frost. Smooth, deep globe shape, thick and solid. Enormous yields.... 50 95 3 10 9 50

**Oxheart.** 90 days. Heart shape; heavy solid flesh. Mild flavor; rosy pink.... 60 1 10 3 65 11 00

**Ponderosa.** 90 days. Extremely large, deep flat-ribbed fruit. Purplish pink. 60 1 10 3 65 11 00

**Pritchard (Scarlet Topper).** 70 days. Self topping, good all-round variety. Heavy yielder..... 45 75 2 50 7 50

**Queens.** 63 days. Smooth, deep globe shape, good flavor. Thick walls..... 50 95 3 10

**Sunray.** (B.R.) 80 days. Best yellow-orange. Thick, meaty walls, smooth, large, and globular. Mild flavor. . 70 1 30 4 25

### Small-Fruited Varieties

**Red Cherry.** 75 days. Small round fruits, 1/2in. in diameter..... 50 90 3 00

**Roma.** (New.) 75 days. Solid thick walls; 3 to 4 in. long, 1 to 1 1/2 in. in diameter. Compact and vigorous. Improved Red Top... 65 1 20 3 75

**Red Top.** See Roma..... Discontinued

**San Marzano.** 70 days. Plum shaped, 3 1/2 in. long; thick flesh..... 65 1 20 3 75

**Yellow Plum.** 70 days. Sweet delicious flavor. 2 in. long; lemon-yellow color... 50 90 3 00

# SUPPLIES

Our customers have repeatedly asked that we stock the following supplies. We have always specialized in seeds but hope the addition of these items will be helpful to you.

## PLANT-PAKS New, Improved Rigid Formulation—Increased Drainage

These "Paks" save the time consumed in digging and wrapping plants and help you place a far better plant in your customers' hands. Now greatly improved with a more rigid formulation for the entire line, which will give it much longer life on the grower's benches. The number of drainage holes has been increased to insure more positive drainage. The cost saving of shallow containers is a myth. Growers are rapidly finding that cost differentials are overcome by increased costs of labor and materials (watering and fertilizing). The swing is definitely to 3-in.-depth containers.



**Featherweight.** Lighter to handle, thus reducing shipping costs. "Paks" nest together and reduce storage space to a minimum.

**Eye-Appealing.** They are neat and attractive when used in any display.

**Strong and Durable.** Made of molded cellulose, they are resilient; no cracking or breaking. Contain no materials toxic to plants. Will keep their shape and not rot for six months.

**Direct Planting.** Plant direct, thus saving time and labor. Ready to merchandise.

**Waterproof, Yet Porous.** Moisture is retained in the soil and healthy root structure is encouraged.

**Sizes to Suit Any Grower.** They come in many sizes. Find the correct package for your market.

### TEKPAKS

No.	Dimensions (inches)	250-750, Per 1000	1000-9750, Per 1000	10,000-25,000, Per 1000	Approx. Wt. Per 1000	No. to Carton
463	4½ x 6¼ x 3.....	\$51.20	\$48.10	\$45.40	122 lbs.	250
563	5 x 6¼ x 3.....	\$52.20	\$49.05	\$46.30	140 lbs.	250
573	5 x 7 x 3.....	\$56.95	\$53.55	\$50.55	148 lbs.	250
*583	5 x 8 x 3.....	\$60.80	\$57.20	\$53.95	159 lbs.	250
68	6 x 8 x 2¾.....	\$60.80	\$57.20	\$53.95	163 lbs.	250

\*Two depths offered.

**Brown color only**

All prices net, no discount. Shipped *via* truck unless you specify otherwise. Sold only in full cartons.

### TEKPOTS

No.	Size	Per 1000	Approx. Wt. per 1000	No. to Carton
225	2¼ in. Std.....	\$13 95	21 lbs.	3500
25	2½ in. Std.....	14 65	23 lbs.	2000
30	3 in. Std.....	18 60	28 lbs.	2000
40	4 in. Std.....	29 10	51 lbs.	1000

Standard color—brown. All prices net, no discount. Shipped *via* truck unless you specify otherwise. Sold only in full cartons.



**ROOTONE.** A plant hormone powder for rooting cuttings and increasing root growth. 2 ozs. \$1.25, lb. \$5.00.

Prices net, F.O.B., Smethport, Pa.

**ROOTONE F** (fungicide added). Lb. \$5.00.

### MARKET-PAKS

	Packed Per case	Wt. Per case
<b>No. 24.</b> 4½ in. x 5¾ in. x 2½ in. deep.....	250	17 lbs.
<b>No. 28.</b> 5½ in. x 5½ in. x 2¾ in. deep.....	200	16 lbs.
<b>No. 30.</b> 3 in. x 10¼ in. x 2¾ in. deep.....	200	18 lbs.
<b>No. 42.</b> 5½ in. x 7½ in. x 2¾ in. deep.....	200	20 lbs.
<b>No. 60.</b> 6 in. x 10 in. x 2½ in. deep.....	125	19 lbs.

Growers prices per 1000

	Less than 1000	No. 24	No. 28	No. 30	No. 42	No. 60
<b>No. 24</b>						
	(250 for \$7.50).	\$29 00				
<b>No. 28</b>						
	(200 for \$8.60).		\$43 00			
<b>No. 30</b>						
	(200 for \$9.60).			\$48 00		
<b>No. 42</b>						
	(200 for \$9.60).				\$46 00	
<b>No. 60</b>						
	(120 for \$8.00).					\$64 00
	1,000 to 9,875..	26 00		43 00	42 00	58 00
	10,000 to 49,875..	24 00		40 00	38 00	53 00
	1,000 to 9,800..		39 00			
	10,000 to 49,800..		36 00			

## SUPPLIES, continued

All Plant-Paks and Pots will be shipped prepaid, provided the shipment weighs 150 pounds or more

### BIRD PEAT POTS

High-quality peat blended with other ingredients according to an exclusive formula for strong, ruggedly built pots that resist chipping during shipping and handling. **An extra feature is the new rugged rim**, which provides added strength at the vulnerable top area. This helps avoid breakage at the top. Water won't run out through chipped openings. This saves watering time and assures sufficient moisture for the plants. Roots penetrate freely into the nutrient-saturated pots. Plants are fed not only at the start but also as the pot disintegrates after transplanting.

#### Square Pots

Size	Quan.	Weight	Per 1000
2 1/8-in. square	2000	22 lbs.	\$9 75
2000 to 18,000			6 75
3-in. square	2000	38 lbs.	15 45
2000 to 8000			14 40
10,000 to 48,000			

#### Round Pots

Size	Quan.	Weight	Per 1000
2 1/4-in.	2000	22 lbs.	\$7 25
2 1/4-in.	2000	22 lbs.	6 75
3-in.	2000	38 lbs.	13 40
3-in.	2000	38 lbs.	12 45

All sales are full cases only

Prices on pots and bands subject to change without notice

### BIRD'S GRO-TAINER



The modern seedling flat, combining all of the top features necessary to grow top quality plants. Holds one dozen plants. No water-logging. Designed for proper moisture control. One drainage hole is under normal center

of each plant. **Sold in original cartons only.**

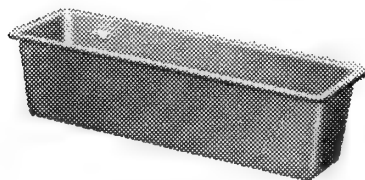
	Packed	Wt.	Price
	per	per	per
	case	case	1,000
No. 2.	7 5/16 in. x 5 5/16 in. x 2 5/8 in. deep.	200	22 lbs. \$44 00
No. 3.	8 3/8 in. x 6 7/8 in. x 2 5/8 in. deep.	200	28 lbs. 58 00
No. 4.	9 1/8 in. x 7 3/8 in. x 2 5/8 in. deep.	200	37 lbs. 68 50

Listed below are the proper Vita-Band sizes to be used with the Bird Gro-Tainers.

- No. 2. Will hold 6—2 x 2 x 2 1/2 Vita-Bands.
- No. 3. Will hold 12—1 3/4 x 1 3/4 x 2 1/2 Vita-Bands.
- No. 4. Will hold 12—2 x 2 x 2 1/2 Vita-Bands.

Vita-Bands prices, see column at right.

### Bo-Kay Fiberglass Flower Boxes



Molded of Fiberglass reinforced plastic. Guaranteed against leaking; corrosion-proof. Will outlast steel and wooden boxes. No painting required, nor is the surface finish subject to unsightly

scratches. They come in four colors or can be bought in an assortment containing 3 green, 1 white, 1 black and 1 brick-red. 18 in. retails at \$2.70; carton of 6, \$9.72. 24 in. retails at \$3.15; carton of 6, \$11.34. 30 in. retails at \$3.55; carton of 6, \$12.78. 36 in. retails at \$4.35; carton of 6, \$15.66.

**Metal Wall Brackets** for above, 65c (retail at 98c).

### BIRD GROWTH-STIMULATING PLANT BANDS

**VITA-BAND D** contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil, permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

**VITA-BAND 10** for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.



QUANTITY DISCOUNT. On 50,000 Bands or over 5%; 200,000 or over 10%, F.O.B. Smethport or East Walpole, Mass.

#### PRICES—QUANTITIES—WEIGHTS

	SIZES	1 1/2 x 1 1/2	1 3/4 x 1 3/4	2 x 2	2 x 2	2 1/2 x 2 1/2	3 x 3
		x 2 1/2	x 2 1/2	x 2 1/2	x 3	x 3	x 3
PRICE	VB-10	\$4.80	\$5.15	\$5.40	\$5.90	\$6.40	\$7.10
PER M	VB-D	4.95	5.30	5.50	6.20	6.45	7.25
VITA-BAND 10	Quantity Per Case	2M	2M	2M	2M	2M	1M
	Weight Per Case	33 lbs.	38 lbs.	42 lbs.	51 lbs.	63 lbs.	37 lbs.
VITA-BAND D	Quantity Per Case	2M	2M	2M	2M	2M	2M
	Weight Per Case	18 lbs.	21 lbs.	23 lbs.	28 lbs.	34 lbs.	40 lbs.

We Do Not Break Original Cases

### JEFFY-POTS

#### The New Plant-Growing Container

This molded container is composed of 75% peat and 25% wood fiber, with soluble fertilizers added. These long-lasting pots can be used for many normal potting jobs. They are inexpensive, lightweight, need less watering and provide ideal root aeration. Used extensively for bedding plants, geraniums, hybrid tomatoes, poinsettias, cyclamen, tuberous-rooted begonias, gloxinias, carnations, chrysanthemums, snapdragons, asters, etc. With proper wrapping, plants can be shipped in them.

Jiffy-Pots are vulnerable to damage by careless handling when extremely wet. Dry and partially wet, they are tough and durable. When extremely wet, they should be held in the hand like a drinking glass rather than by the rim or edge.

All prices net, no discount

2 1/4-in. pots	Per 1000
3000 to 18,000 (3000 for \$21.75).....	\$7 25
21,000 to 72,000.....	6 75

Sold in cases of 3000 F.O.B. our warehouse in Smethport, Pa. Shipping weight 35 lbs. per case.

3-in. pots	Per 1000
1500 to 9000 (1500 for \$19.88).....	\$13 25
10,500 to 49,500.....	12 25

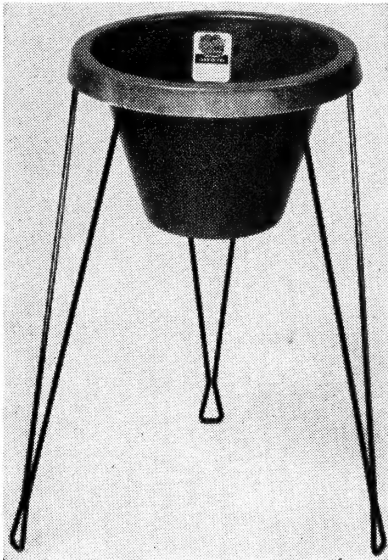
Sold in cases of 1500 F.O.B. our warehouse in Smethport, Pa. Shipping weight 35 lbs. per case.

## SUPPLIES, continued

### ONE TIME PEAT MOSS POTS

Inside top dimension of pot	Number of pots	Approx. weight per carton	No. pots per carton	Per 1000
1 3/4 in. square.....	2,500 to 17,500	30 lbs.	2,500	\$7 00
1 3/4 in. square.....	20,000 to 70,000			6 50
2 1/4 in. round.....	2,000 to 18,000	32 lbs.	2,000	7 25
2 1/4 in. round.....	20,000 to 74,000			6 75
3 in. diam. round.....	1,000 to 9,000	28 lbs.	1,000	13 25
3 in. diam. round.....	10,000 to 49,000			12 25
3 in. square.....	1,000 to 9,000	30 lbs.	1,000	16 50
3 in. square.....	10,000 to 49,000			15 25
4 in. diam. round.....	500 to 2,000	30 lbs.	500	27 50
4 in. diam. round.....	2,500 to 10,000			25 00
4 in. Azalea type.....	500 to 2,000	28 lbs.	500	25 00
4 in. Azalea type.....	2,500 to 9,500			22 50

Growers will find that the square Peat Pots conserve space



RING STAND



SCROLL STAND



BRASS PLATED  
CHAIN HANGER

### JARDINIERES—NEW STYLING, NEW COLORS, NEW STANDS

Available in Turf Green, Antique White, Brick Red, Jet Black, Lime and Terra Cotta. Can be used, as illustrated above, with the new classical ring stand, hanging basket or with the new decorator's scroll stand. Can't leak, rot or rust.

Stock No.	Colors	Dimensions	Standard packing	Approx. Weight	Cost per carton	Suggested retail price
BJ 11	See above	11 3/8 in. top 5 1/4 in. bottom 7 in. deep	4 of 1 color			
BJ 11A	Assorted colors		6 per carton, 1 ea. color	5 lbs.	\$6 00	\$2 49 each
JR 11	Assortment No. 1	Ring stands 20 in. high, Jardinieres, same as above	1 ea. turf green, brick red, white and black, and 2 black and 2 cop- per tone stands	7 lbs.	9 00	2 49 each
JR 21A	Assortment No. 2	Same as above	1 ea. white, black, terra cotta and lime with stands as above	13 lbs.	12 00	4 98 set
JS 11	Jardinieres, colors, see above Stands satin black	Stands 11 1/2 in. diam. 7 3/4 in. high	6 jardinieres of one color with 6 stands	13 lbs.	12 00	4 98 set
JS 11A	Assorted colors, stands black		6 jardinieres, 1 each color with 6 stands	14 lbs.	16 00	4 35 set
Jardiniere Hangers	Brass plated	26 in. long	12 per box	2 1/2 lbs.	9 60	1 25 each

## SUPPLIES, continued

### FUMIGATORS

**Parathion.** For red spiders, aphids and thrips on florists' crops. Carton of 24 cans.

2000 cu. ft.....\$11 50	10,000 cu. ft.....\$17 00
5000 cu. ft.....14 50	20,000 cu. ft.....26 00

**Aphid-Smoke.** For aphids and adult white flies on florists' crops. Carton of 24 cans.

2000 cu. ft.....\$11 00	10,000 cu. ft.....\$17 00
5000 cu. ft.....14 00	20,000 cu. ft.....25 00

**Spider-Mite.** For red spiders, including some Parathion-resistant strains on carnations, chrysanthemums and snapdragons. Carton of 24 cans.

2000 cu. ft.....\$11 50	10,000 cu. ft.....\$19 00
5000 cu. ft.....14 50	20,000 cu. ft.....31 00

**Nicotine.** For those who prefer to use nicotine. Carton of 12 cans.

10,000 cu. feet.....	Per can \$9 60
20,000 cu. feet.....	16 20

Prices net, no discount

### SLUG CONTROL

**SLUGIT.** New method of controlling slugs and snails. Not a bait, but a liquid sprayed over soil and growing plants. It is both a stomach and a contact insecticide. Effective and easy to apply. Easily sprayed on open ground and plants with a Bordeaux nozzle. One gal. covers about 4800 sq. ft. Effective for about two weeks. Gal. \$12.00, 8-oz. bottle 90c, 4-oz. bottle 60c. Prices net, F.O.B. Smethport, Pa.

## Pano-drench 4

New soil drench. You can end losses from damping-off by a single drenching with this new liquid soil sterilizer. So highly concentrated that a 4-oz. bottle can be diluted to provide 72 gals. of drench, enough to treat 500 sq. ft. Soil may be planted immediately after being drenched. You don't have to wait for it to dry. Use it normally in concentrations of 1 to 2 teaspoonfuls per 3 gals. of water, *applied at the rate of 1½ to 2 pts. per sq. ft. of soil.* It has been tested at the recommended dosage on flowers, vegetables, seed flats, propagating benches and stock benches without harmful effects to growing plants. Cases of known control for as long as three months have been reported. Hozon applicator stock solution use 1 oz. per gal. water.

Oz.....\$1 95	4 ozs.....\$5 95	16 ozs.....\$19 20
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Prices net, F.O.B. Smethport, Pa.

### ANTI-DAMPING-OFF CONTROLS

#### Fulex A-D-O

For inhibiting the spread of rhizoctonia, pythium and fusarium stem rot diseases. Use for dipping cuttings, drenching sand, vermiculite, peat, peat moss, etc. Use it on seed beds or on soil; also direct on seedlings and growing plants. This material contains 25% hydroxyquinoline sulfate and has proved itself, after extensive use, to be of great value as a control of lily root rot.

**Should not be used on crucifers.**

Pt.....	\$4 95 (makes 128 gals.)
Qt.....	9 50 (makes 256 gals.)

Prices net, F.O.B. Smethport, Pa.

### PETERS FERTILIZERS

Freight prepaid east of the Mississippi on all orders totaling 300 lbs. or more. F.O.B. Allentown, Pa. on all orders less than 300 lbs.

#### Mixed Fertilizers

(Packed in 25-lb. bags only)

	1 to 3 bags 25-lb. bag	100 to 975 lbs. Per lb.	1000 to 1975 lbs. Per lb.	2000 lbs. up Per lb.
15-15-15.....	\$6 50	22c.	21c.	20c.
20-5-30.....	6 50	22c.	21c.	20c.
21-7-7 Neutral.	6 50	22c.	21c.	20c.
21-7-7 Acid....	6 50	22c.	21c.	20c.
16-4-12.....	6 50	22c.	21c.	20c.
25-10-10.....	6 50	22c.	21c.	20c.
25-0-25.....	6 50	22c.	21c.	20c.
40-3-3.....	6 50	22c.	21c.	20c.
15-30-15.....	7 00	24c.	23c.	22c.
20-20-20.....	7 00	24c.	23c.	22c.
13-6-6.....	7 50	28c.	26c.	24c.
10-30-20.....	7 50	28c.	26c.	24c.
25-10-20.....	7 00	24c.	23c.	22c.

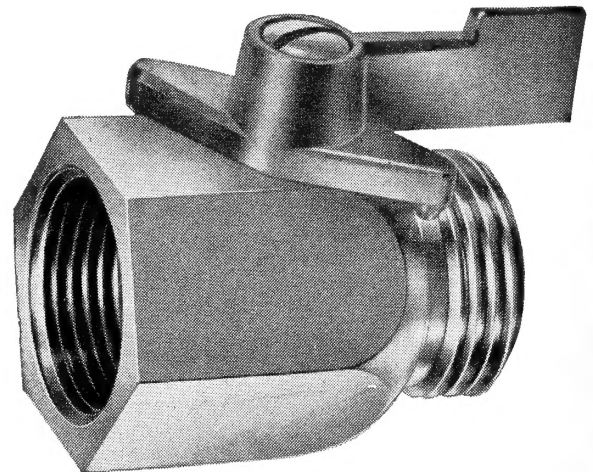
#### DU PONT URAMITE (38% Nitrogen)

(Packed only in 50-lb. bags)

	Per bag
50-lb. bag.....	\$12 00
10 bags.....	11 50
40 bags.....	11 00

#### HOZON PROPORTIONER.....

\$2 50  
Inquire for prices on special single element materials or special formulas.

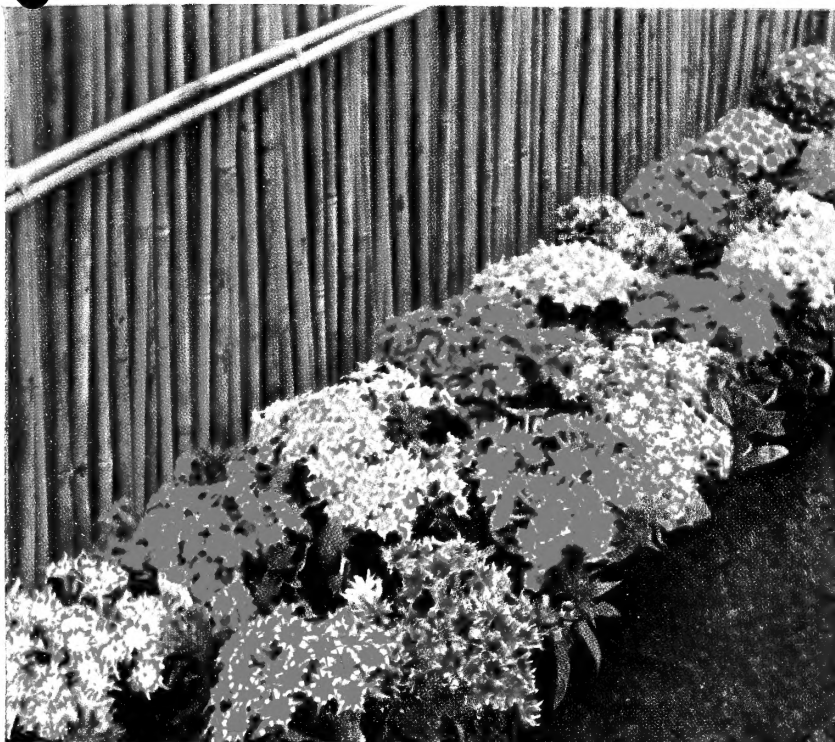


#### V-58 BRASS VALVES

Shut off to full flow in one-quarter turn. Easy, effortless, positive stops. Solid brass. No leak, no drip, greater water capacity than most ¾-in. hose end valves. Weight ½ lb. Inexpensive valve.

	Each	6 Valves
Pipe to hose type.....	\$1 35	\$7 50
Pipe to pipe type.....	1 50	8 40

**H. G. GERMAN, 103 Bank Street, Smethport, Penna.**



**DWARF STAR PHLOX, TWINKLES**

An ideal combination or bedding plant. See page 17.



**PANSY, CLEAR CRYSTALS**

Early-flowering, gay self colors without blotches. See page 13.



**COLEUS, GERMAN'S RAINBOW MIXTURE**

Surpasses all other strains in brilliancy and vigor. Medium to large leaves in a wide range of striking colors. See page 9.



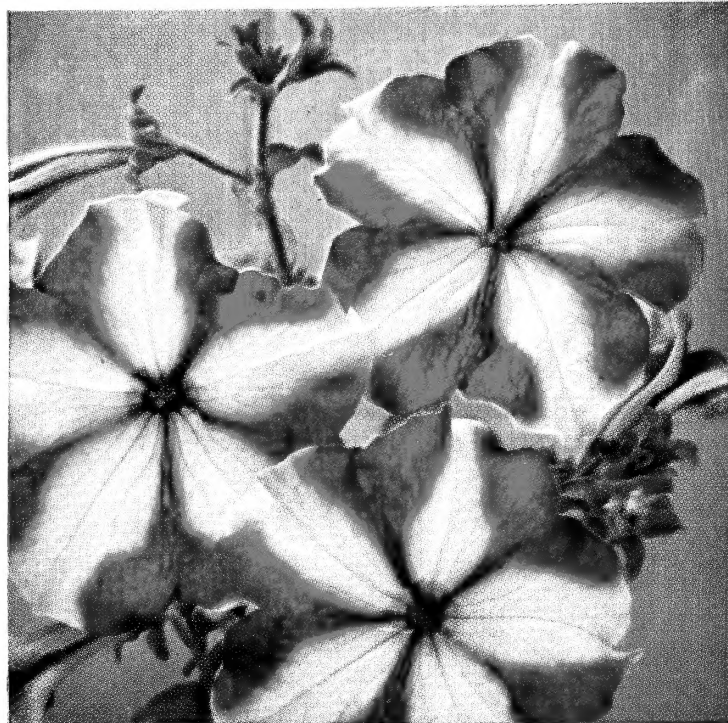
**MARIGOLD, CRACKERJACK**

An extremely early, giant-flowered Marigold. See page 12.



**SALVIA, FIREWORKS**

We predict this new variety will rapidly replace St. John's Fire. See page 18.



**PETUNIA, SABRE DANCE**

Extra large, deep crimson blooms with sharply contrasting white stripes. See page 15.



**ZINNIA, MISS UNIVERSE**

Introduced last season, this fine Zinnia has now won wide acclaim. See page 22.

## **H. G. GERMAN SEEDS**

*Florists' Flower Seeds*

**SMETHPORT • PENNA.**



**PETUNIA, MARS**

Bright velvety crimson. See page 15.